

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ☒ FILE WATER SANDS LOCATION INSPECTED SUB. REPORT/abd

961122 cong exp (W1W)

DATE FILED DECEMBER 1, 1995

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-72106

INDIAN

DRILLING APPROVED: FEBRUARY 5, 1996

SPUDDED IN: 3.12.96

COMPLETED 5.24.96 SOW PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

3904 - 5264' GRDV

TOTAL DEPTH: 5600'

WELL ELEVATION: 5350' HL

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. MONUMENT FEDERAL 33-17-9-17B

API NO. 43-013-31581

LOCATION 1926 FSL FT. FROM (N) (S) LINE. 2000 FEL

FT. FROM (E) (W) LINE. NW SE

1/4 - 1/4 SEC. 17

TWP.

RGE

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

9S

17E

17

EQUITABLE RESOURCES

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeCheily	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Horseshoe SS 1327</i>	Dakota	Park City	McCracken
<i>2nd Garden gulch 1992</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>Yellow Mts 30210</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Douglas Creek 2240</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>2nd Douglas 4102</i>	JURASSIC	CARBON I FEROUS	North Point
<i>3rd Douglas 41033</i>	Morrison	Pennsylvanian	SILURIAN
<i>Black Shale 4709</i>	Salt Wash	Oquirrh	Laketown Dolomite
<i>Carbonate 5001</i>	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 17, T9S, R17E

1926' FSL, 2000' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 15.4 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5350'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Bobbie Schuman Regulatory and
SIGNED TITLE Environmental Specialist DATE 12-1-95

(This space for Federal or State office use)

PERMIT NO. 43-013-31581

APPROVED BY Matthew
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE 2/5/96
TITLE Petroleum Engineer DATE

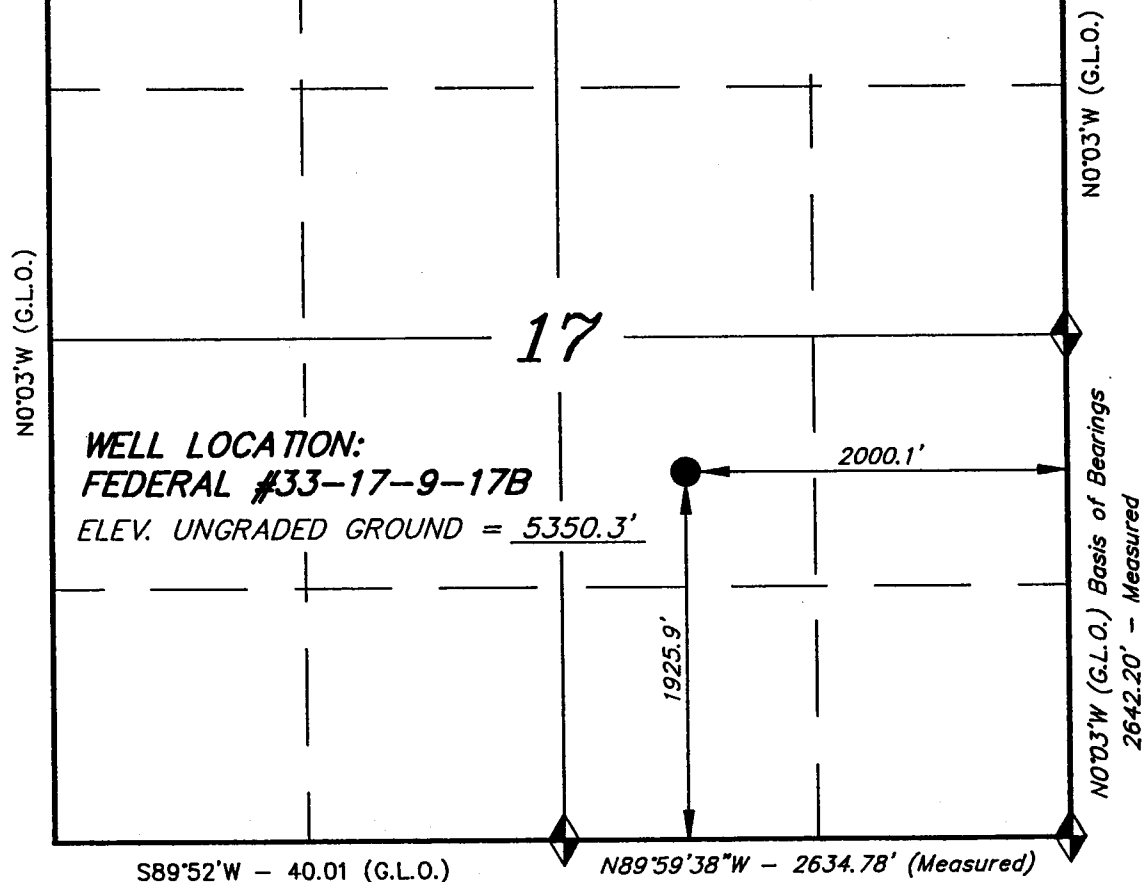
*See Instructions On Reverse Side

T9S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

S89°55'W - 80.00 (G.L.O.)

WELL LOCATION, FEDERAL #33-17-9-17B,
 LOCATED AS SHOWN IN THE NW 1/4 SE 1/4
 OF SECTION 17, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



WELL LOCATION:
FEDERAL #33-17-9-17B
 ELEV. UNGRADED GROUND = 5350.3'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

James Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 144102
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH, VERNAL, UTAH 84078
 (801) 781-2501



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: S.S. G.O.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95

/rs

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY

Balcron Oil Division

Monument Federal #33-17-9-17B

NW SE Section 17, T9S, R17E

Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument Federal #33-17-9-17B
NW SE Section 17, T9S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 11.5 miles to a road intersection. Turn left and continue 0.9 miles to a road intersection. Turn left and proceed 1.2 miles to proposed access road sign. Follow flags 0.2 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.
- e. Maximum grade: < 8%

- f. Turnouts: None
- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.

- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing,

but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the North side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the East side between Corners 6 and 7.
- h. Access to the wellpad will be from the East at corner 7.
- i. Corner 2 will be rounded to avoid a drainage.
- j. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations

in the vicinity of the discovery and immediately report the finding to the BLM District Office.

- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Operations Manager Home: (406) 248-3864
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor Mobile: (801) 828-7291
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 1, 1995
Date

Bobbie Schuman
Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, Balcron Oil Division

/rs

Equitable Resources Well Prognosis

Well Name <u>MONUMENT FEDERAL #33-17-9-17B</u>		Exploratory <u> </u>	Control Well <u>BMF 32-17</u>
Location <u>NW/SE SECTION 17-T9S-R17E (1926 FSL, 2000 FWL)</u>		Development <u>X</u>	Operator <u>EREC</u>
County <u>DUCHESNE</u>		Field <u>BELUGA</u>	KB <u>5376</u>
State <u>UTAH</u>		Section <u>NW/SE 17</u>	Section <u>SW/NE 17</u>
Total Depth <u>5600</u>		Township <u>9S</u>	Township <u>9S</u>
GL (Ung) <u>5350</u>	EST. KB <u>5359</u>	Range <u>17E</u>	Range <u>17E</u>

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	SURFACE							
GREEN RIVER	1321	4038			3983			
HORSE BENCH SS	2005	3354			3299			
2ND GARDEN GULCH	3622	1737			1682			
Y-2 (PAY)	3878	1481			1426			
Y-3 (PAY)	3957	1402			1347			
YELLOW MARKER	4241	1118			1063			
DOUGLAS CREEK	4404	955			900			
R-2 (PAY)	4486	873			818			
2ND DOUGLAS CREEK	4636	723			675			
G-1L (PAY)	4736	623			568			
GREEN MARKER	4774	585			530			
G-3 (PAY)	4842	517			462			
CARBONATE MARKER	5246	113			58			
B-1 (PAY)	5600	83			28			
TD								

Samples	DST,s	Wellsite Geologist
50' FROM 1300 TO 3650	DST #1	Name: <u> </u>
20' FROM 3650 TO TD	DST #2	From: <u> </u> to: <u> </u>
5' THROUGH EXPECTED PAY	DST #3	Address: <u> </u>
5' THROUGH DRILLING BREAKS	DST #4	<u> </u>

Logs	Cores	
DLL FROM SURF CSNG TO TD	Core #1	Phone # <u> </u> wk. <u> </u> hm. <u> </u>
LDT/CNL FROM 3400 TO TD	Core #2	Fax # <u> </u>
	Core #3	
	Core #4	

Comments: <u> </u>	Mud Logger/Hot Wire
	Company: <u> </u>
	Required: (Yes/No) <u>YES</u>
	Type: <u>2 MAN</u>
	Logger: <u> </u>
	Phone # <u> </u>
	Fax # <u> </u>

Report To: 1st Name: <u>DAVE BICKERSTAFF</u>	Phone # <u>(406)259-7860</u>	wk. <u>(406)245-2261</u>	hm. <u> </u>
2nd Name: <u>KEVEN REINSCHMIDT</u>	Phone # <u>"</u>	wk. <u>(406)248-7026</u>	hm. <u> </u>
Prepared By: <u>D.R. BICKERSTAFF</u>	<u>11/15/95</u>	Phone # <u> </u>	wk. <u> </u> hm. <u> </u>



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

DRILLING PROGRAM

WELL NAME: Monument Federal 33-17-9-17 B
PROSPECT/FIELD: Beluga Unit
LOCATION: NW/SE section 17 Twn.9S Rge.17E
COUNTY: Duchesne
STATE: Utah

DATE: 11-29-95

TOTAL DEPTH: 5600

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 5600'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5600'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 33-17-9-17B
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2058 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,600	5-1/2"	15.50	K-55	ST&C	5,600	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2618	4040	1.543	2618	4810	1.84	86.80	222	2.56 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1995
 Remarks :

Minimum segment length for the 5,600 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,618 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

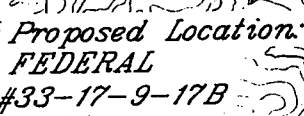
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

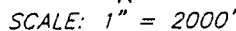
- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs



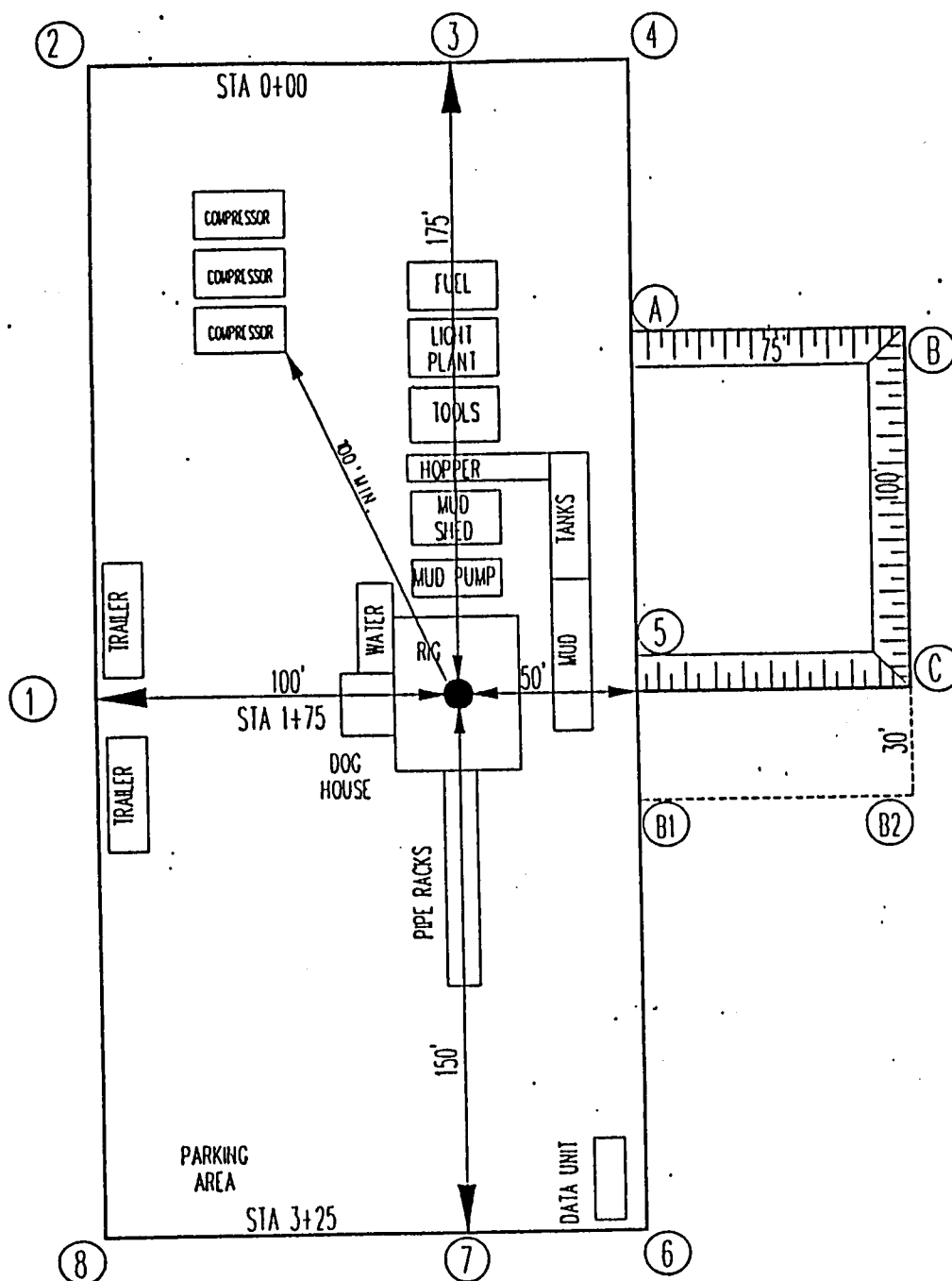
FEDERAL #33-17-9-17B
SEC. 17, T9S, R17E, S.L.B.&M.
TOPO "B"



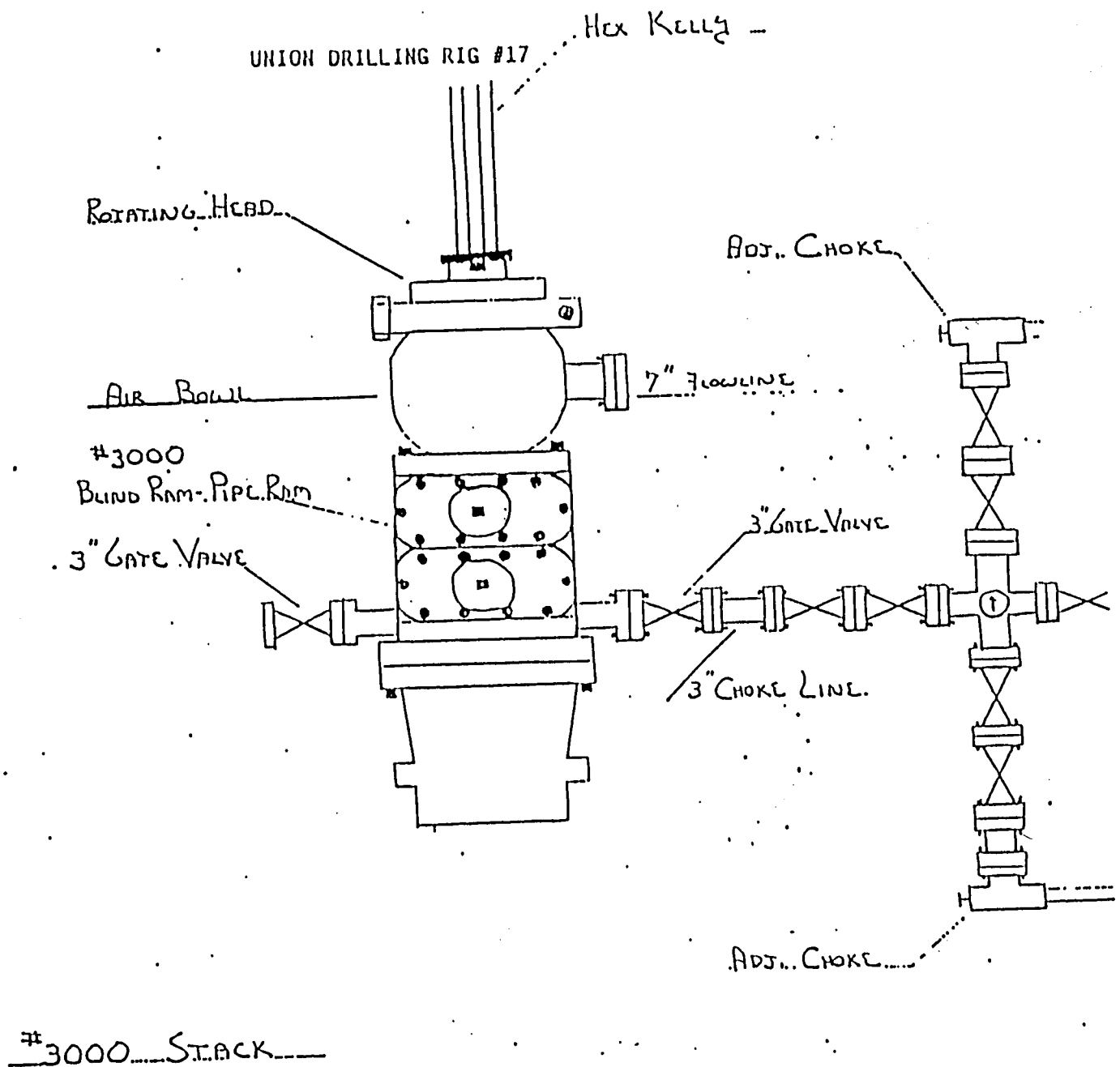
38 WEST 100 NORTH VERNAL, UTAH 84078

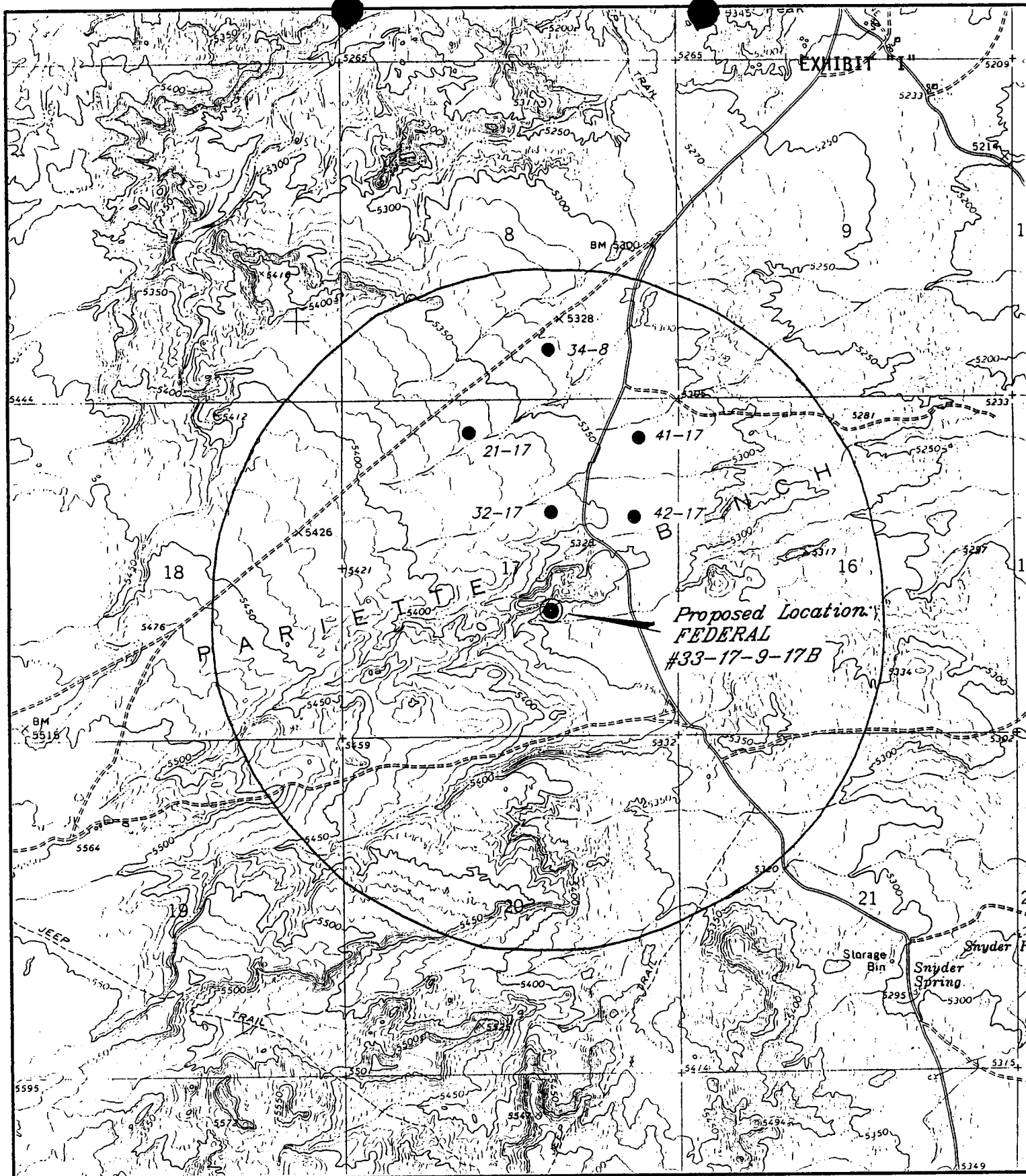
EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT



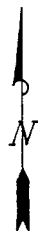
TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, YERBULA, UTAH 84078
801-781-2501





EQUITABLE RESOURCES CO.

FEDERAL #33-17-9-17B
SEC. 17, T9S, R17E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

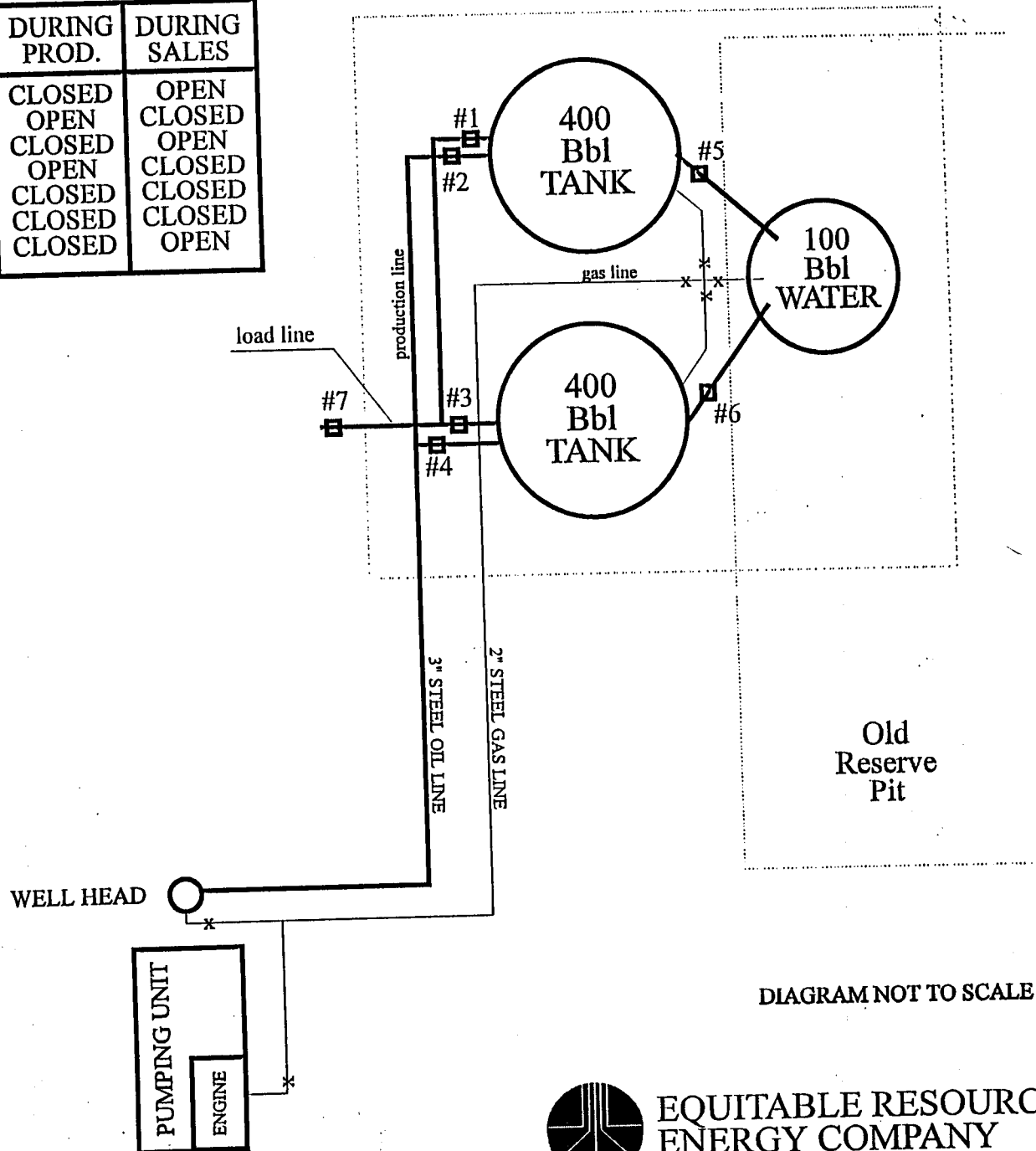
DIKE

DIAGRAM NOT TO SCALE



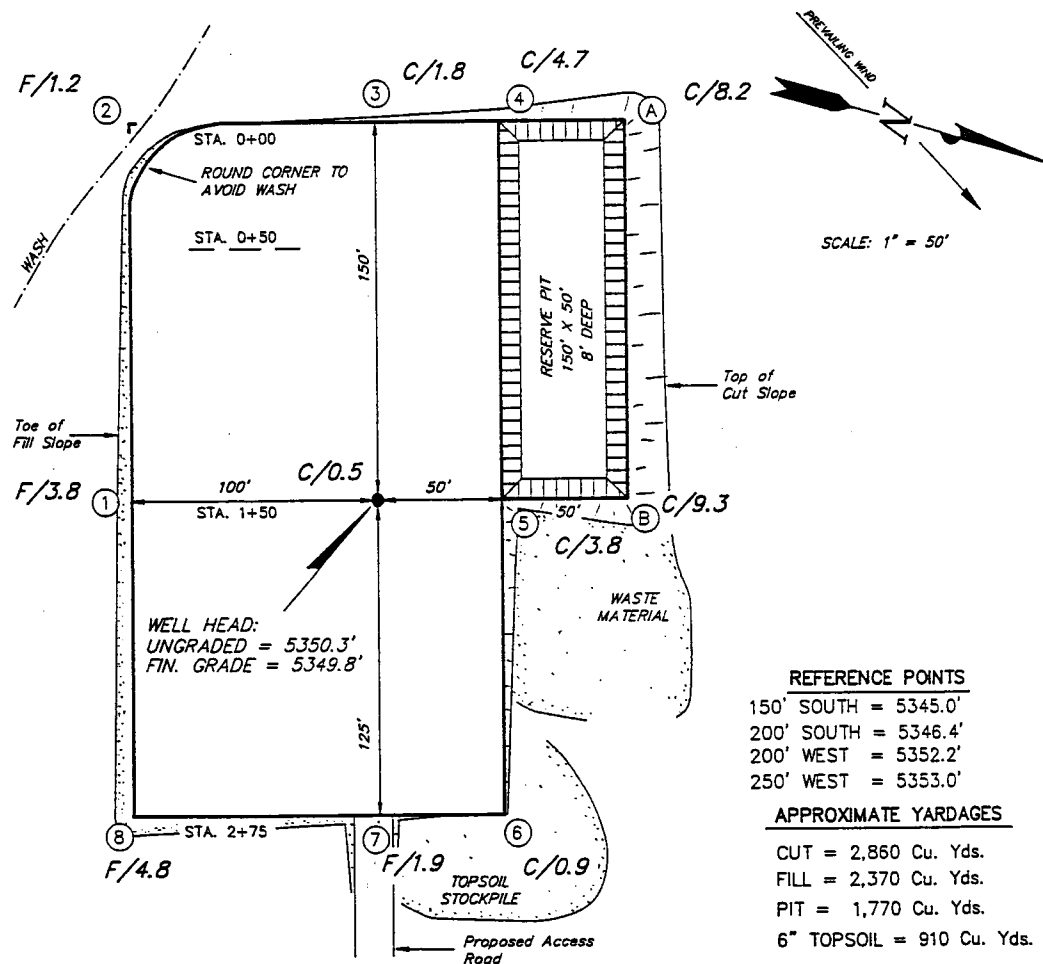
**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

FEDERAL #33-17-9-17B
SECTION 17, T9S, R17E, S.L.B.&M.



REFERENCE POINTS

150' SOUTH = 5345.0'
200' SOUTH = 5346.4'
200' WEST = 5352.2'
250' WEST = 5353.0'

APPROXIMATE YARDAGES

CUT = 2,860 Cu. Yds.
FILL = 2,370 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.

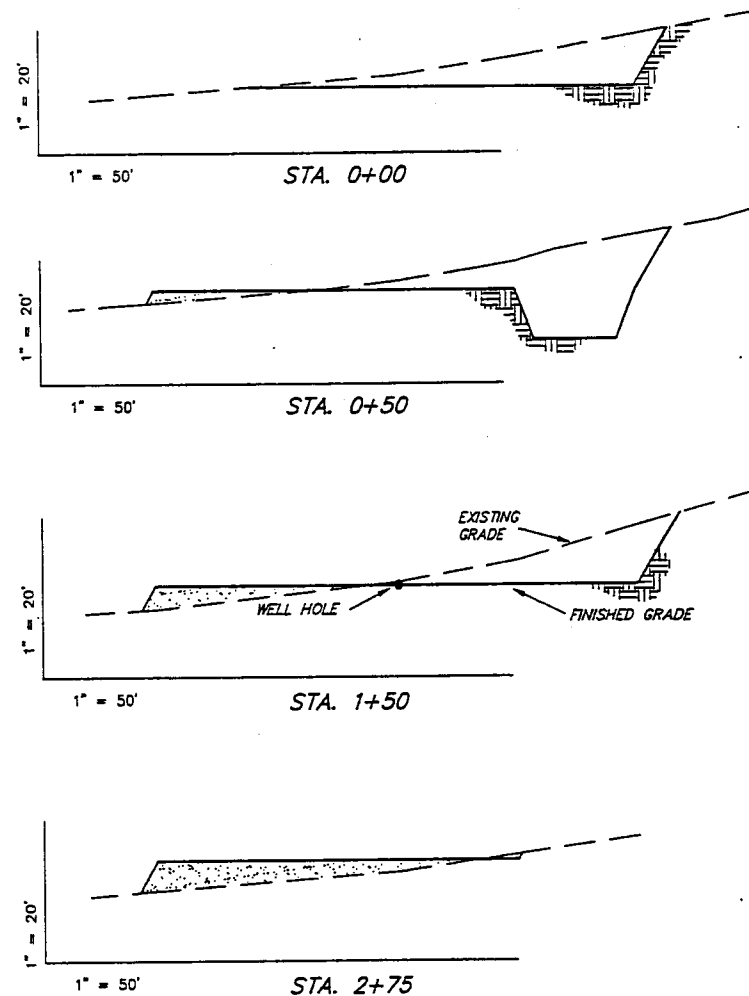


EXHIBIT "L"

SURVEYED BY: S.S.
DRAWN BY: J.R.S.
DATE: 10-18-95
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/01/95

API NO. ASSIGNED: 43-013-31581

WELL NAME: MONUMENT FEDERAL 33-17-9-17B
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 17 - T09S - R17E
SURFACE: 1926-FSL-2000-FEL
BOTTOM: 1926-FSL-2000-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 72106

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal [Y State[] Fee[]
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number _____)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
✓ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MONUMENT FED 33-17-9
Project ID: 43-013-31581	Location: SEC. 17 - T09S - R17E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2229 psi
 Internal gradient (burst) : 0.064 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

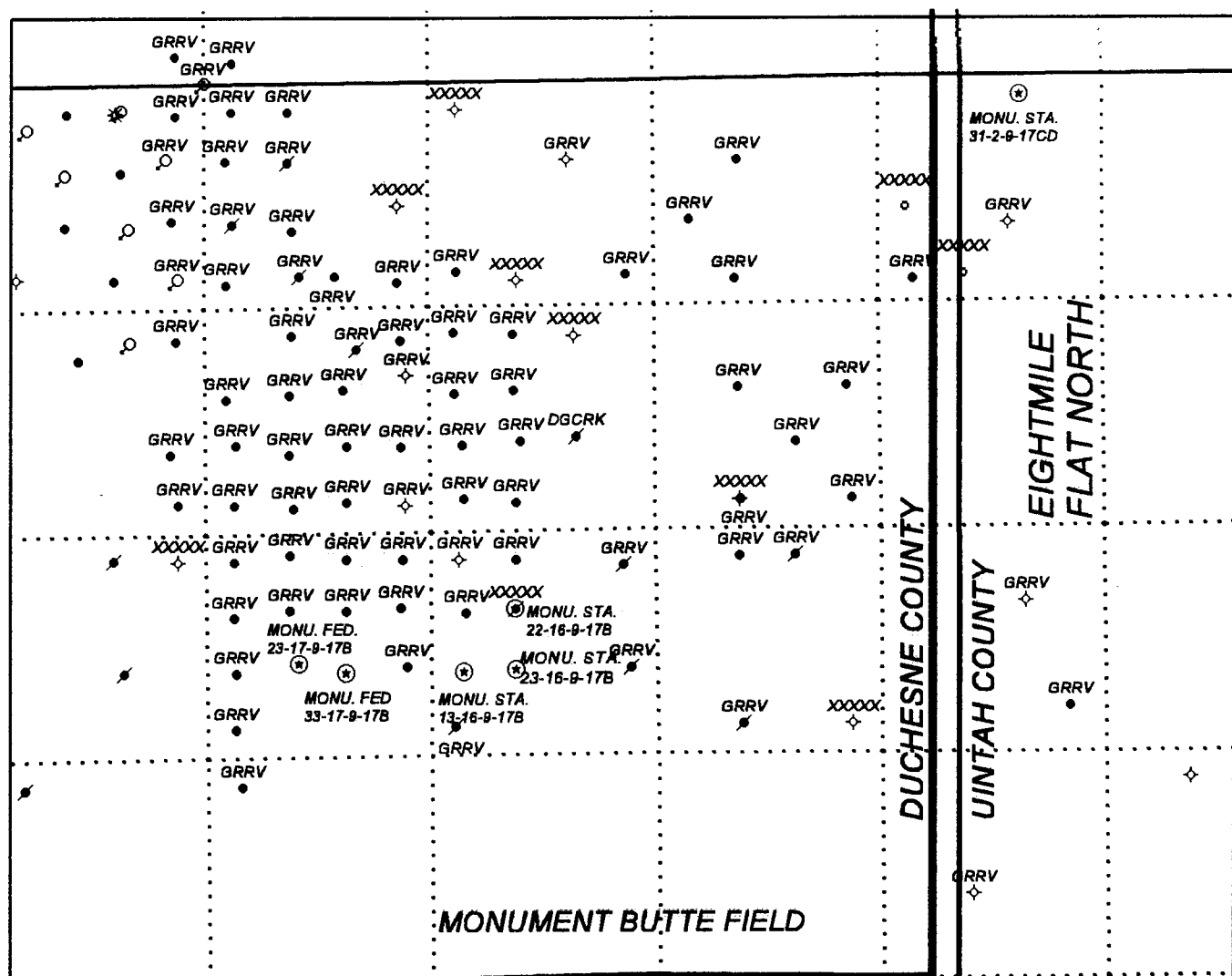
Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,600	5.500	15.50	K-55	ST&C	5,600	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2589	4040	1.560	2589	4810	1.86	86.80	222	2.56 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 02-05-1996
 Remarks :

Minimum segment length for the 5,600 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas
 temperature of 114°F (Surface 74°F , BHT 152°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and
 2,589 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general
 guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with
 evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension,
 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension
 was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility
 for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

Field: MONUMENT BUTTE & EIGHT MILE FLAT NORTH
Formation: GREEN RIVER
County: DUCHESNE & UINTAH
Field No.: 105 & 570
State Spacing: R649-3-2 & R649-3-3





**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

December 1, 1995

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-17-9-17B
NW SE Section 17, T9S, R17E
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

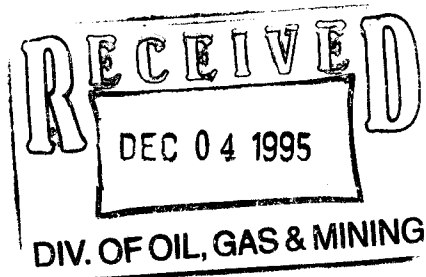
Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 17, T9S, R17E

1926' FSL, 2000' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 15.4 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, BT, GR, etc.)

GL 5350'

22. APPROX. DATE WORK WILL START*

January 20, 1996

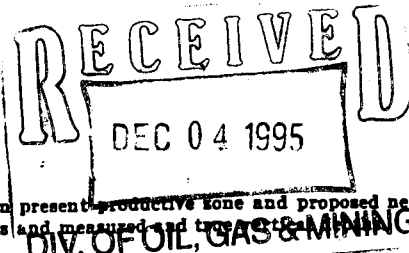
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE

12-1-95

(This space for Federal or State office use)

PERMIT NO.

43-013-31581

APPROVAL DATE

APPROVED BY

J. B. Matthews

TITLE

Schuman Engineer

DATE

2/5/96

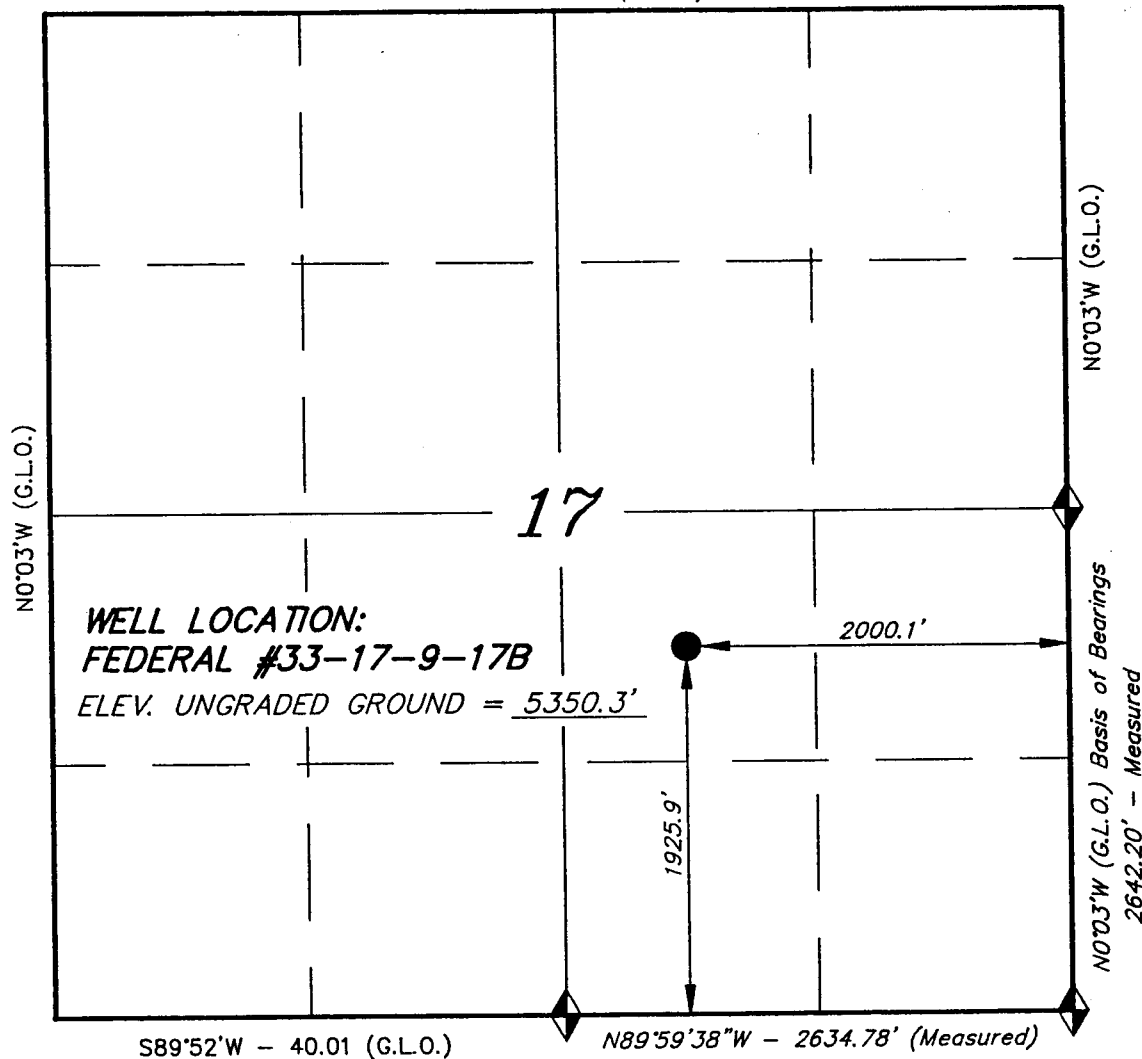
CONDITIONS OF APPROVAL, IF ANY.

*See Instructions On Reverse Side

T9S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

S89°55'W - 80.00 (G.L.O.)



WELL LOCATION, FEDERAL #33-17-9-17B,
 LOCATED AS SHOWN IN THE NW 1/4 SE 1/4
 OF SECTION 17, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

Sam Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 144102
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH, VERNAL, UTAH 84078
 (801) 781-2501



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: S.S. G.O.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #

APPLICATION FOR INJECTION WELL - VIC FORM 1

Well name and number: Monument Federal #33-17-9-17B

Field or Unit name: Beluga Unit Lease no. U-72106

Well location: QQ NW SE section 17 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	. . . Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Disposal? Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Storage? Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Is this application for a new well to be drilled? Yes ☒ No ☐

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☐

Date of test: _____
API number: _____

Proposed injection interval: from 3190' to 5340'

Proposed maximum injection: rate 500 BPD pressure 2100 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman
Title Regulatory & Environmental Specialist
Phone No. (406) 259-7860

Signature Dobbe Schuman
Date November 14, 1995

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

JAN 2

EQUITABLE RESOURCES CO.

FEDERAL #33-17-9-17B

Section 17, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

December 9, 1995

PALEONTOLOGY REPORT FOR EQUITABLE RESOURCES CO. FEDERAL #33-17-9-17B, Section 17, T9S, R17E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 11 miles south and 1 miles east of Myton, Utah on Pariette Bench. There is a small ridge just north of the location with a layer of orange limestone on top. The rock layer weathers out to angular fragments. The wellpad has interbedded sandstone and mudstone of gray and brown color. The area south of the location is fairly flat with an eastward drainage. These rocks represent fluvial (stream) deposits.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found during this survey -

There are several sites with minor weathered turtle shell fragments. One spot is about 100 feet northwest of the center stake at 318 degrees. Another spot is north of corner #4, 165 feet west of the center stake at 276 degrees.

There is an occasional turtle shell fragment along the proposed access road but nothing significant.

Recommendations-

The fossil material found at this location is fragmented and weathered and not considered very significant. There is always a possibility of encountering significant vertebrate fossils when working in the Uinta Formation. If important looking fossils are found during construction, a paleontologist should be called to evaluate them.

No other recommendations are being made for paleontology at this location.

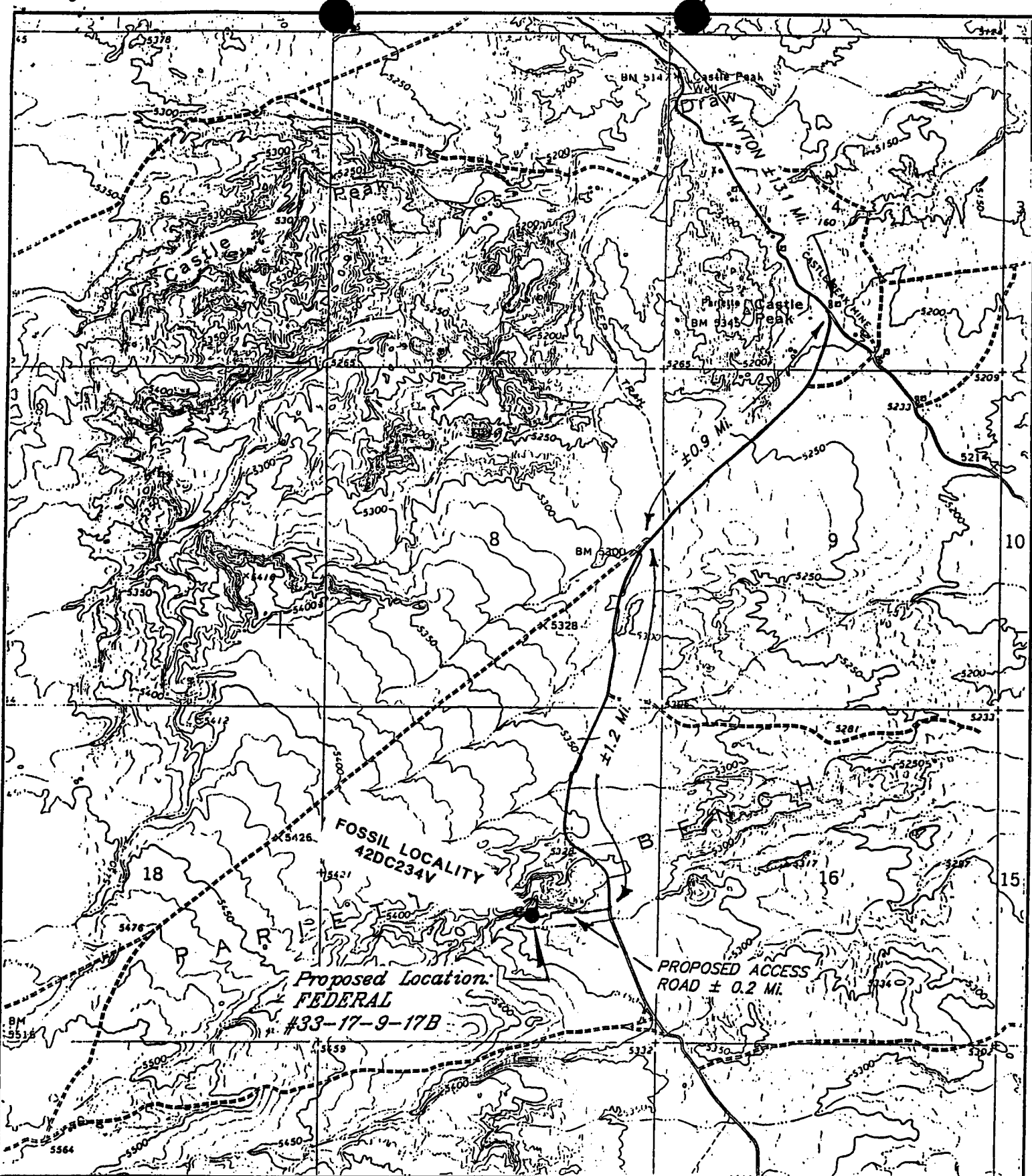
Alden H. Hamblin
Paleontologist

Date December 9, 1995

United States
Department of the Interior
Bureau of Land Management

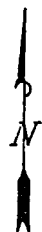
Paleontological Locality Form

1. Permit #/Permittee: BLM - UT-S-95-004 ALDEN H. HAMBLIN
2. Repository/Accn.#: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42DC234V [] Plant [X] Vertebrate [] Invertebrate [] Other
4. Formation (and subdivision, if known): Uinta Formation, (B) or upper - lower Member
5. Age: Late Eocene 6. County: Uintah
7. BLM District: VERNAL 8. Resource Area: Diamond Mt.
9. Map name: Myton SE, Utah 10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000 12. Map edition: 1964
13. Latitude (deg., min., sec., direction): _____
14. Longitude (deg., min., sec., direction): _____
- or: UTM Grid Zone: 12 T 583980 mE 4431240 mN
15. Survey (Section, Township & Range): Center of NW1/4, SE1/4 Sec. 17, T9S, R178E, SLBM
16. Taxa observed/collected: There are several sites with minor weathered turtle shell fragments. One spot is about 100 feet northwest of the center stake at 318 degrees. Another spot is north of corner #4, 165 feet west of the center stake at 276 degrees. There is an occasional turtle shell fragment along the proposed access road but nothing significant.
17. Discoverer(s)/Collector(s): Alden H. Hamblin
18. Date(s): NOVEMBER 22, 1995
19. Remarks: This fossil location was found during the paleontology survey on Equatable Resources Balcron Federal #33-17-9-17Y.
The fossil material found at this location is fragmented and weathered and not considered very significant.

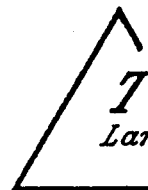


EQUITABLE RESOURCES CO.

FEDERAL #33-17-9-17B
SEC. 17, T9S, R17E, S.L.B.&M.
TOPO "B"



SCALE: 1" = 2000'



Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

CULTURAL RESOURCE EVALUATION
OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES
IN THE CASTLE PEAK DRAW LOCALITY OF
DUCHESNE & UINTAH COUNTIES, UTAH

Report Prepared for Balcron Oil Division
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)

181 North 200 West, Suite 5
Bountiful, Utah 84010

January 23, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

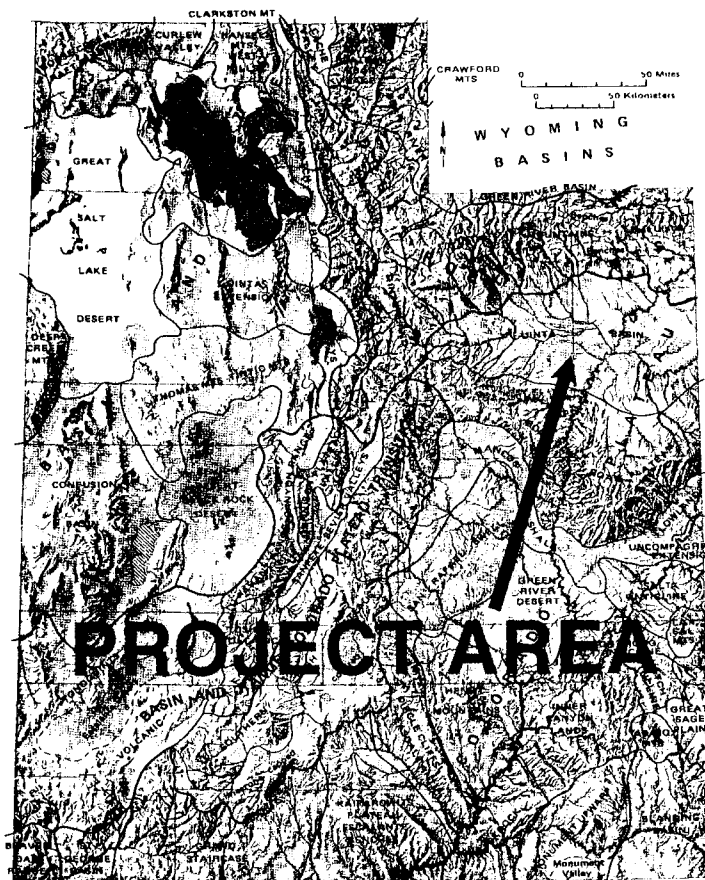
The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

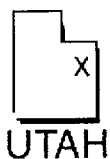
Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

MAP 1: GENERAL PROJECT LOCALITY
IN
UINTAH AND DUCHESNE COUNTIES
UTAH

PROJECT: BLCR - 95 - 8B
SCALE: see below
QUAD: see below
DATE: January 22, 1996



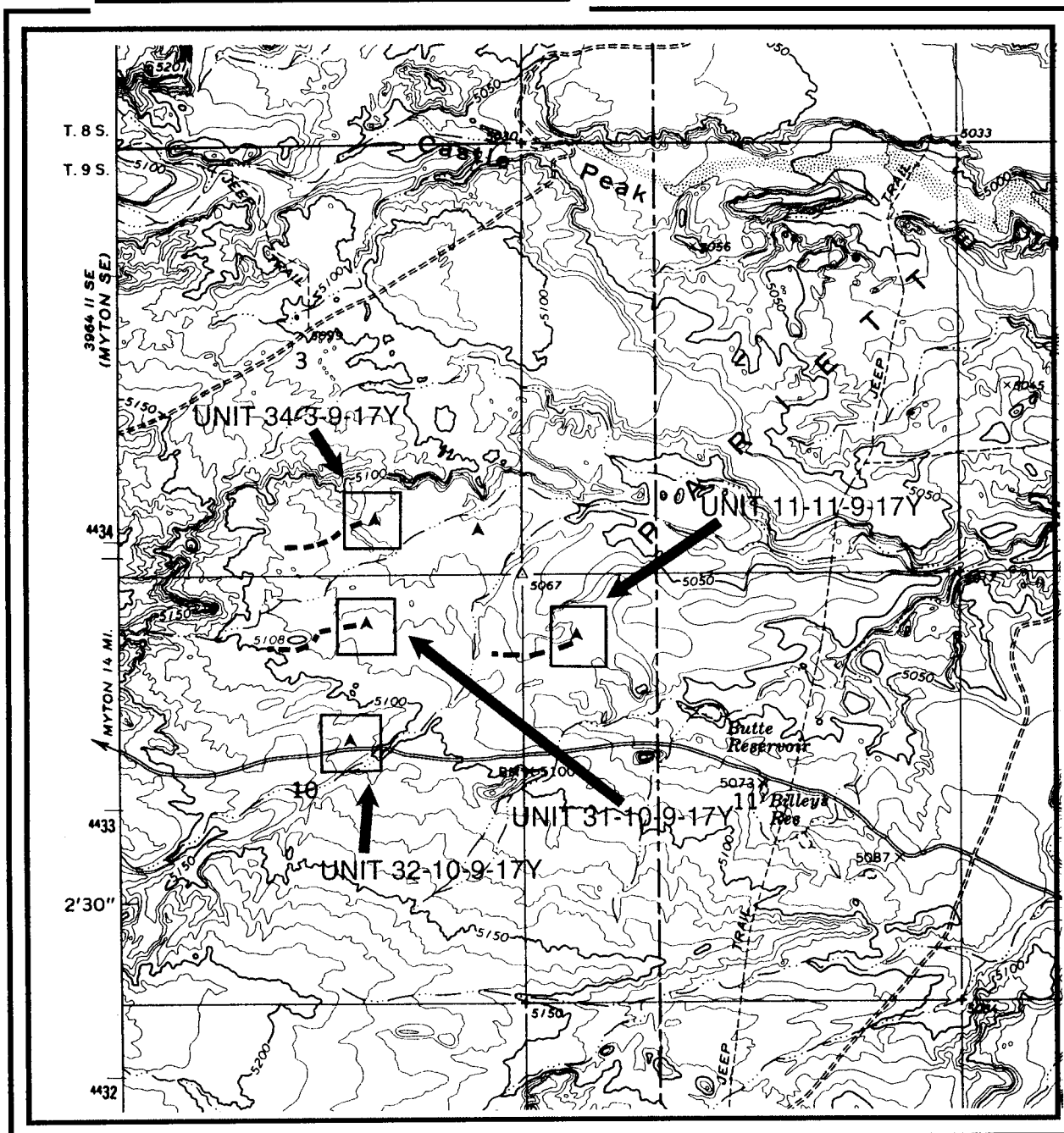
UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES



TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

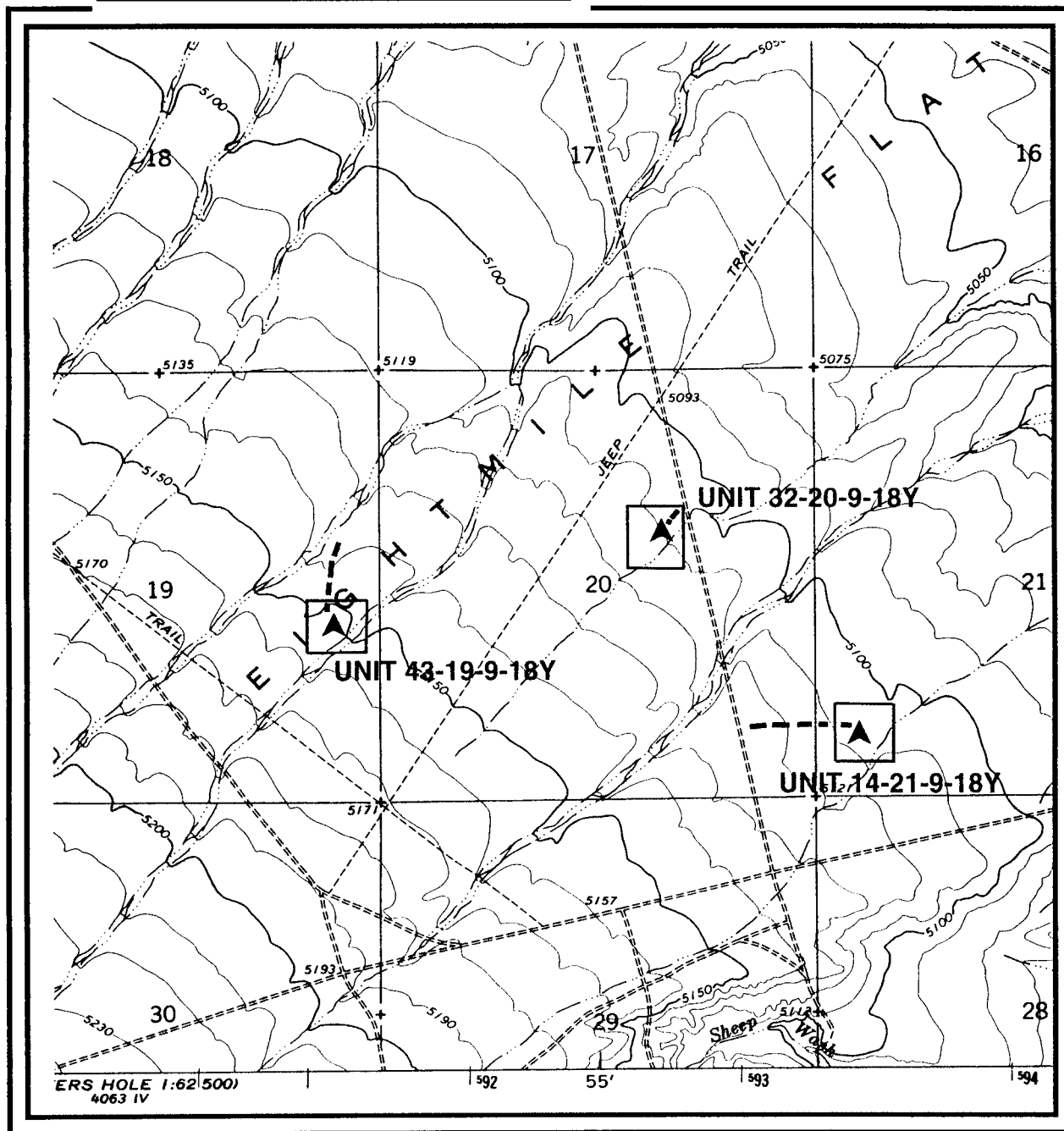


Ten Acre
Survey
Area

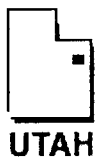


**MAP 3: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE EIGHTMILE FLAT
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SE, Utah
DATE: January 22, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

Well Location



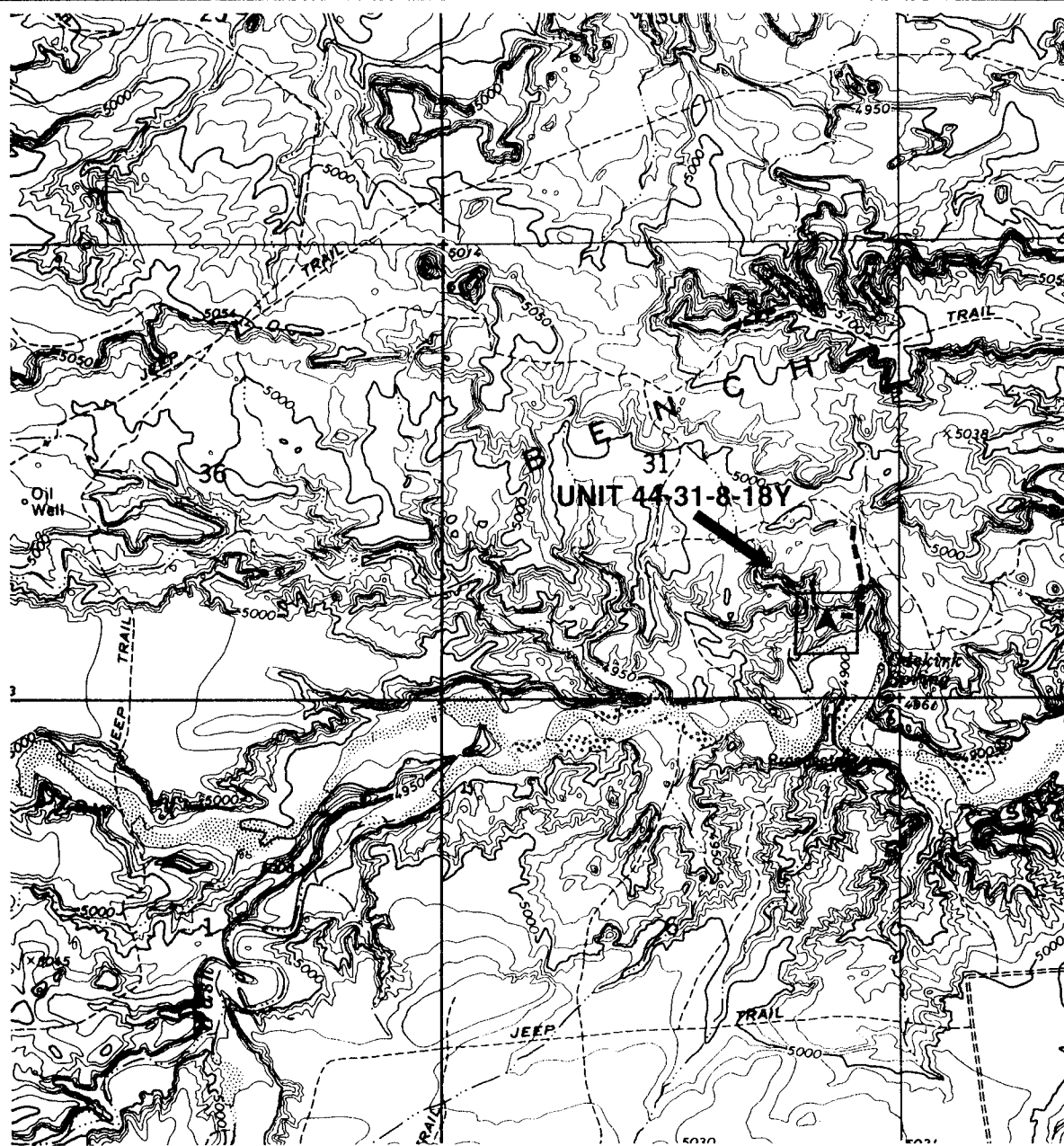
Access Route

**Ten Acre
Survey
Area**



**MAP 4: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 44-31-8-18Y
IN THE CASTLE PEAK DRAW
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 22, 1996



LEGEND



TOWNSHIP: 8 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

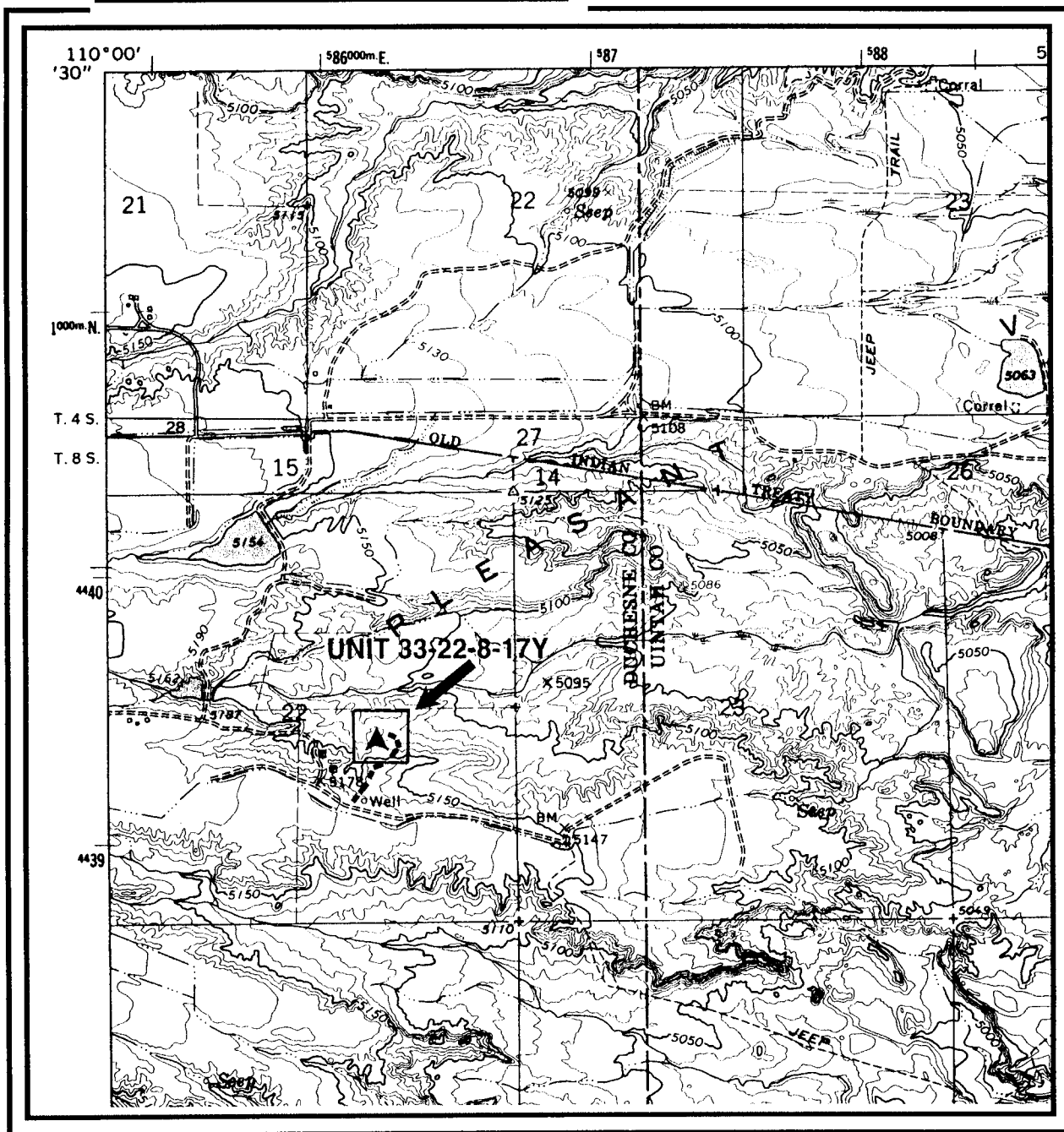
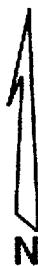


Ten Acre
Survey
Area



**MAP 5: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-22-8-17Y
IN THE PLEASANT VALLEY
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre
Survey
Area

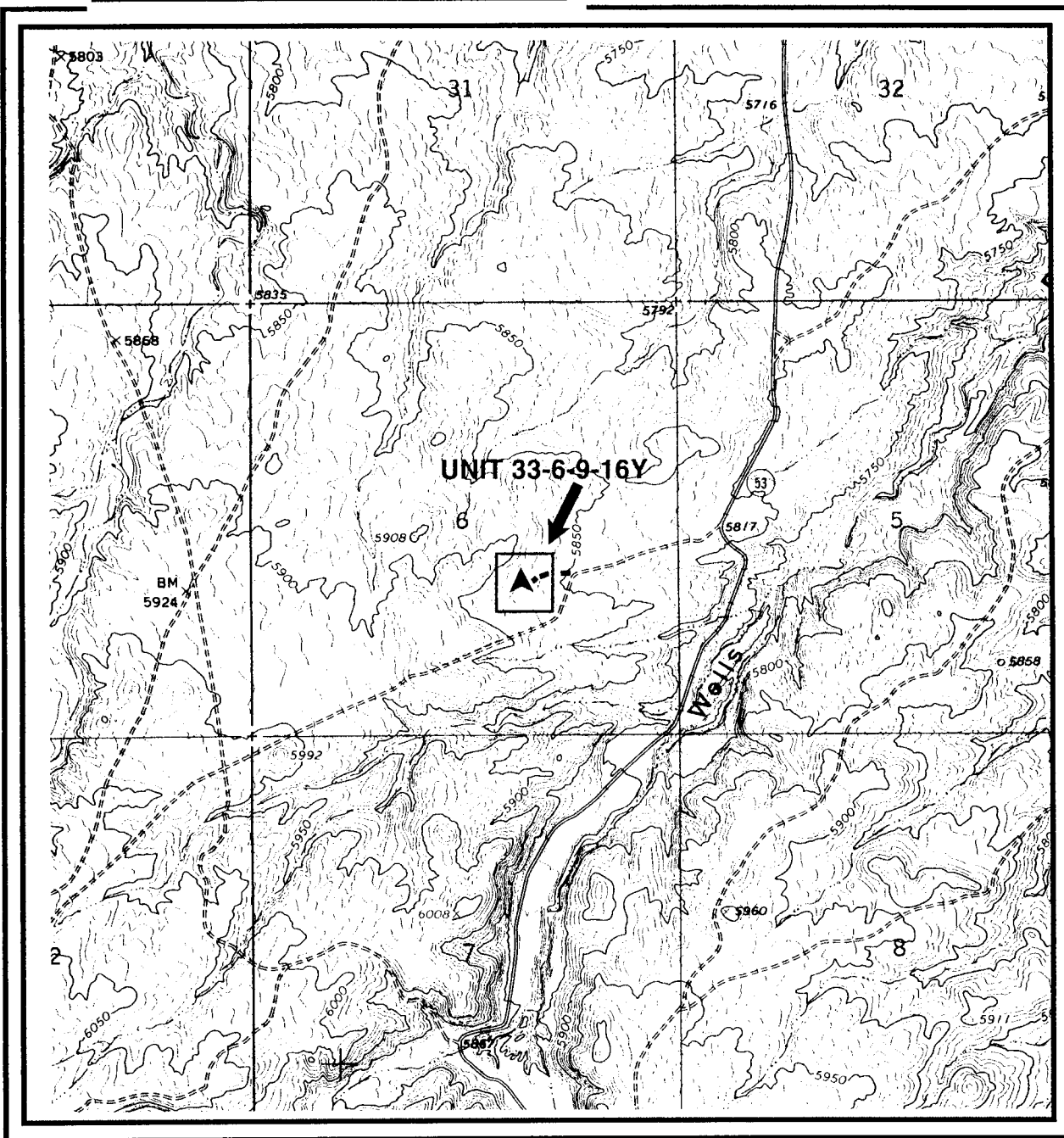


**MAP 6: CULTURAL RESOURCE SURVEY
OF BALCRON WELL UNIT 33-6-9-16Y
IN THE WELLS DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**



PROJECT: BLCR - 95 - 88
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996

7



LEGEND



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



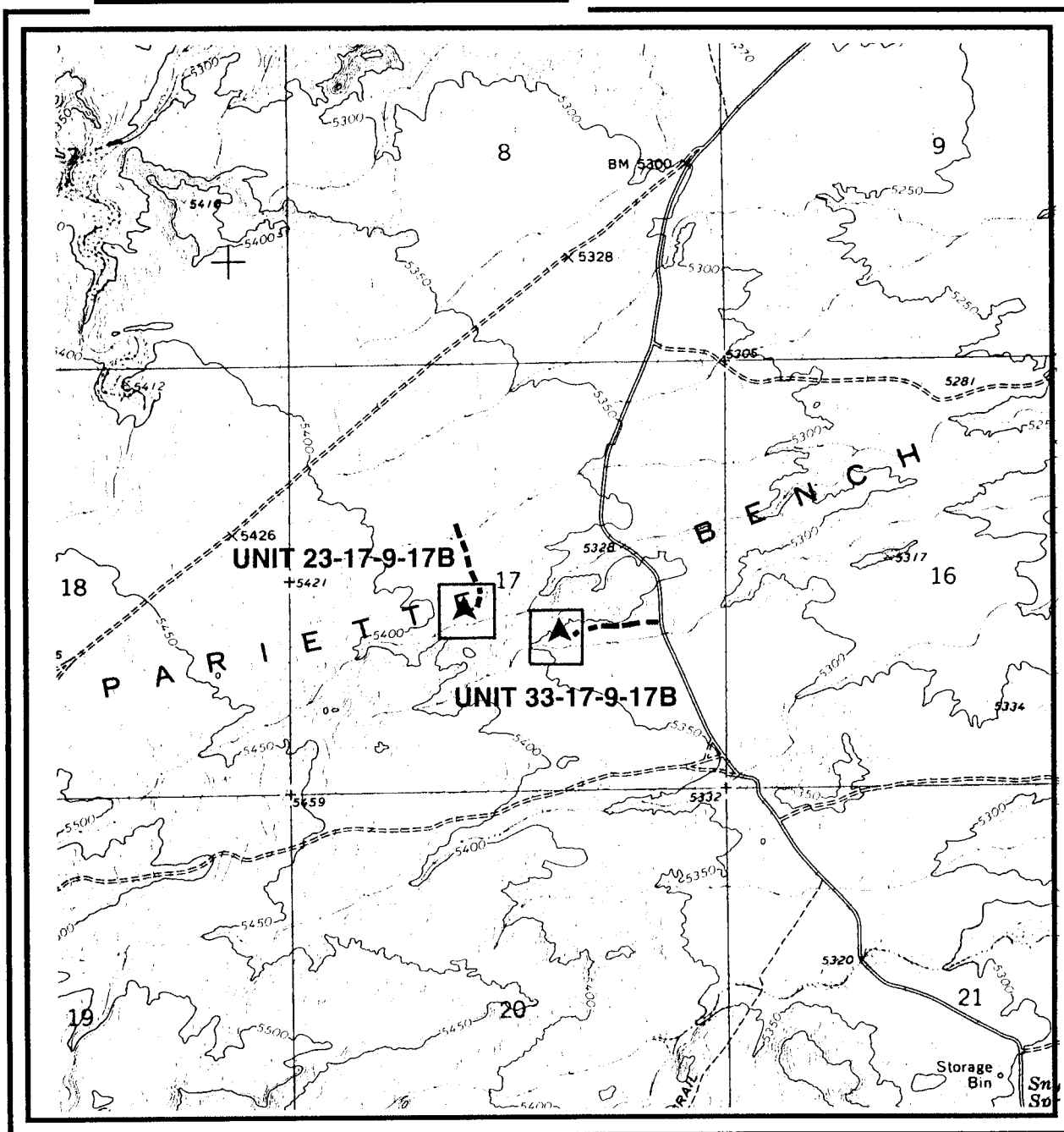
Ten Acre
Survey
Area



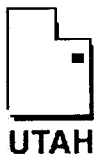
**MAP 7: CULTURAL RESOURCE SURVEY
OF VARIOUS BALCRON WELLS
IN THE PARIETTE BENCH
LOCALITY OF DUCHESNE COUNTY,
UTAH**



PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

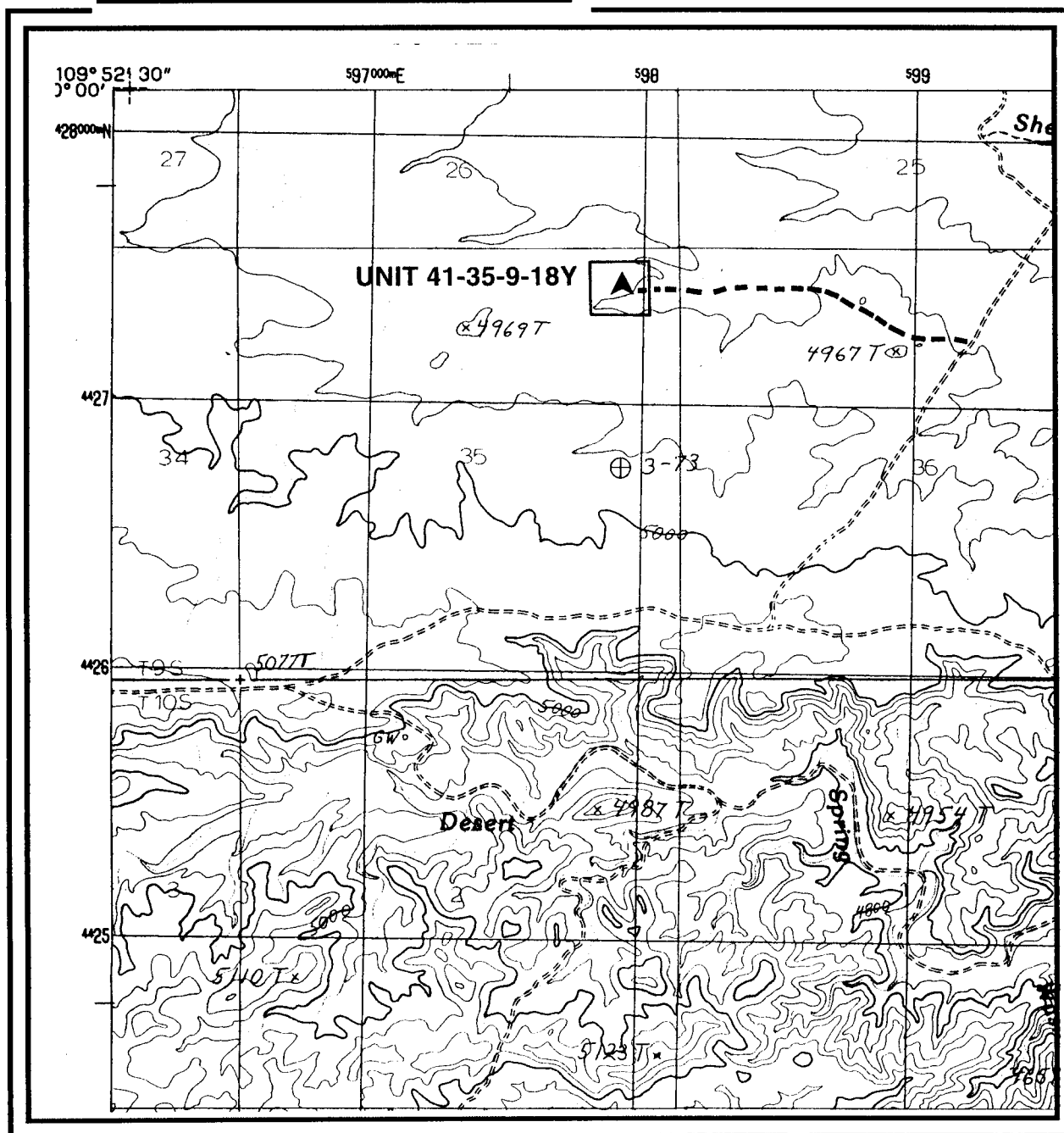


**Ten Acre
Survey
Area**



**MAP 8: CULTURAL RESOURCE SURVEY
OF BALCORN WELL UNIT 41-35-9-18Y
IN THE DESERT SPRING WASH
LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 95 - 8B
SCALE: 1:24,000
QUAD: Moon Bottom, Utah
DATE: January 23, 1996



LEGEND



TOWNSHIP: 9 South
RANGE: 18 East
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre
Survey
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

Environmental Description

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological

Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by

Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.

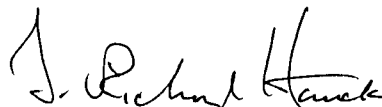
No paleontological loci of significance were identified during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal Investigator

REFERENCES

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- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

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- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
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- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade V Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
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Stokes, W. L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 5, 1996

Equitable Resources Energy
1601 Lewis Avenue
Billings, Montana 59102-4126

Re: Monument Federal #33-17-9-17B Well, 1926' FSL, 2000' FEL, NW SE, Sec. 17,
T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31581.

Sincerely,

R. J. Eirth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WAPD

Operator: Equitable Resources Energy
Well Name & Number: Monument Federal #33-17-9-17B
API Number: 43-013-31581
Lease: U-72106
Location: NW SE Sec. 17 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

FEB - 5 1996

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

January 30, 1996

Bureau of Land Management
170 South 500 East
Vernal, UT 84078-2799

Gentlemen:

Enclosed are the Archeological Reports for the following Monument Federal wells:
#34-3-9-17Y, #31-9-10-17Y, #32-10-9-17Y, #11-11-9-17Y, #14-21-9-18Y, #43-
19-9-18Y, #32-20-9-18Y, #33-22-8-17Y, #33-17-9-17B, #23-17-9-17B, #44-31-
8-18Y, #33-6-9-16Y, and #41-35-9-18Y.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 17, T9S, R17E

1926' FSL, 2000' FEL

At proposed prod. zone

43-013-31581

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah, approximately 15.4 miles SW

FEB 12 1996

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5,600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5350'

22. APPROX. DATE WORK WILL START*

January 20, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

RECEIVED

DEC 04 1995

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Dehuman

TITLE

Regulatory and
Environmental Specialist

DATE

12-1-95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

APPROVAL ATTACHED
CONDITIONS
ASSISTANT DISTRICT
MANAGER MINERALS
DATE FEB 06 1996

DIV O&M

43-013-31581

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-17-9-17B

API Number: 43-013-31581

Lease Number: U-72106

Location: NWSE Sec. 17 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale zone identified at ± 2684 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 2484 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Conditions of Approval (COAs)
Balcron Oil Division - Well #33-17-9-17B

Methods For Handling Waste Materials & Disposal

The reserve pit will be lined with a plastic reinforced liner that is a minimum of 12 mil thickness and sufficient bedding (straw or dirt) to cover any rocks. The liner will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas on the well pad, **contact** the authorized officer of the BLM for a seed mixture to return these areas to revegetation.

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area, the stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM.

Other Information

If the access road and oil well pad are scheduled to be constructed or the well is to be drilled March 15 thru August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1365**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (Sl)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
✓ Balcon Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31388	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31485	1880' FNL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
✓ D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 865' FWL		Beluga
DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (Sl)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
✓ Maus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
✓ Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	851' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #18-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4940-Enserch Explor. Inc.
(Open. chg. in Progress)

N8395-Prod. Recovery Corp.
(Open. chg. in Progress)

3-19-96



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

March 7, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-17-9-17B
Beluga Unit
NW SE Section 17, T9S, R17E
Duchesne County, Utah
API #43-013-31581

This letter is notice that the subject well was spud on 3-12-96 at 12:00 p.m.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad

Molly Conrad
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action
Form
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Bobbie Schuman

MAR 10

Equitable Resources energy Company
OPERATOR Balcon Oil Division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OPERATOR ACCT. NO. N 9890

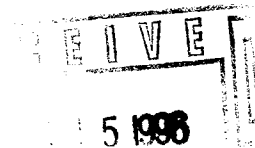
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11880	→	43-013-31581	Monument Federal #33-17-9-17B	NW SE	17	9S	17E	Duchesne	3-12-96	3-12-96
WELL 1 COMMENTS:											
Spud of a new well, please add to existing Peluga Unit Entity. <i>Entity added 3-18-96. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



Molly Conrad
Signature
Operations Secretary 3-14-96
Title 406 655-0563 Date
Phone No.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX ID. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

NOTICE OF AGENCY ACTION CAUSE N

SIZE

47 LINES 2.00 COLUMN

RATE

1.64

FES

AD CHARGES

154.16

TOTAL COST

154.16

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M. DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, S.L.M. Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. Firth
Associate Director, Oil and Gas
48820050

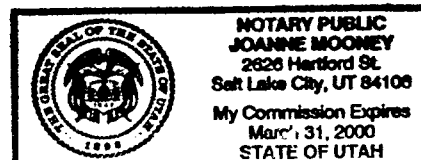
AFFIDAVIT OF PUBLICATION

CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF AGENCY ACTION CAUSE N FOR OIL & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN HUMAN LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE

DATE 04/11/96



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

COPY

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF EQUITABLE	:	ACTION
RESOURCES ENERGY COMPANY	:	
FOR ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-170
THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16,	:	
22-16, 13-16, 11-17, POMCO #5,	:	
22-17, 31-17, 42-17, AND 33-17	:	
WELLS LOCATED IN SECTIONS 7, 8,	:	
16 AND 17, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

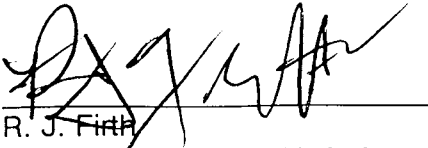
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth

Associate Director, Oil & Gas

**Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170**

Publication Notices were sent to the following:


Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
April 2, 1996



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

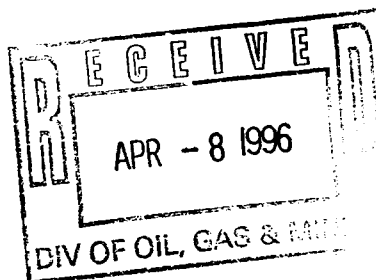
Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman

Regulatory and

Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

8. Well Name and Number:

See attached listing

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number:

See attached listing

3. Address and Telephone Number:

1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat:

See attached listing

4. Location of Well

Footages: See attached listing

County: See attached list

QQ, Sec., T., R., M.:

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature: Bobbie Schuman

Bobbie Schuman

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

115

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEG 7-83
2	DTB 58-FILE
3	VLD (GIL) 2/84
4	RJE
5	IEC
6	HEM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-013-31581</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) # 5578314 (\$80,000) Secured Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Boucher - Trust Lands

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: July 80 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/20/10 Blm/BIA "Formal approval not necessary"

UTAH

Getty #7-C	Monument Butte	NE NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30961	1129' FNL, 2229' FWL	Vernal	Jonah
Goates Federal #1	Monument Butte	SE SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15789	793' FSL, 2088' FWL	Vernal	Jonah
Goates Federal #3	Monument Butte	NW NW	14	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15791	790' FNL, 790' FWL	Vernal	Jonah
Hendel Federal #1	Pariette Bench	SW SW	9	9S	19E	Uintah	UT	Oil	Green River	U-058149	43-047-20011	560' FSL, 500' FWL	Vernal	
Hendel Federal #1-17	Pariette Bench	NE NW	17	9S	19E	Uintah	UT	Oil	Green River	U-017991	43-047-30059	660' FNL, 1979' FWL	Vernal	
Hendel Federal #3-17	Pariette Bench	SW NW	17	9S	19E	Uintah	UT	OSI	Green River	U-017991	43-047-30074	1980' FNL, 660' FWL	Vernal	
K. Jorgenson State #16-4	Monument Butte	NE SE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30572	1984' FSL, 660' FEL		
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Butte #1-13	Monument Butte	NW SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30702	1820' FSL, 685' FWL	Vernal	Jonah
Monument Butte #1-14	Monument Butte	SW SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30703	820' FSL, 820' FWL	Vernal	Jonah
Monument Butte #1-23	Monument Butte	NE SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30646	1980' FSL, 1980' FWL	Vernal	Jonah
Monument Butte #1-24	Monument Butte	SE SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30701	820' FSL, 1950' FWL	Vernal	Jonah
Monument Butte #1-33	Monument Butte	NW SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-52013	43-013-30735	1980' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-34	Monument Butte	SW SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30736	710' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-43	Monument Butte	NE SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30734	1980' FSL, 660' FEL	Vernal	Jonah
Monument Federal #11-11-9-17Y	Monument Butte	NW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210		656' FNL, 741' FWL	Vernal	
Monument Federal #11-22-9-16Y	Monument Butte	NW NW	22	9S	16E	Duchesne	UT	PND	Green River	U-64379			Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210			Vernal	
Monument Federal #13-22-8-17Y	Monument Butte	NW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845	43013-31583	1446' FSL, 863' FWL	Vernal (Private sfc)	
Monument Federal #14-21-9-18Y	8 Mile Flat	SW SW	21	9S	18E	Uintah	UT	PND	Green River	U-68105		700' FSL, 550' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT	PND	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Monument Federal #22-20-9-16	Monument Butte	SE NW	20	9S	16E	Duchesne	UT	PND	Green River	U-52018				
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #23-22-8-17Y	Monument Butte	NE SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal (Private sfc.)	
Monument Federal #24-17-9-16	Monument Butte	SE SW	17	9S	16E	Duchesne	UT	PND	Green River	U-52018			Vernal	
Monument Federal #31-5-9-17	Monument Butte	NW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-74808				
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		660' FNL, 1980' FEL	Vernal	
Monument Federal #31-22-8-17	Monument Butte	NW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1036' FNL, 2338' FEL	Vernal (Private sfc.)	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	U-64917		1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-6-9-16Y	Monument Butte	NW SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390		1850' FSL, 1850' FEL	Vernal	
Monument Federal #32-22-8-17	Monument Butte	SW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1980' FNL, 1980' FEL	Vernal (Private sfc.)	
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106	4301331581	1926' FSL, 2000' FEL	Vernal	Beluga



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

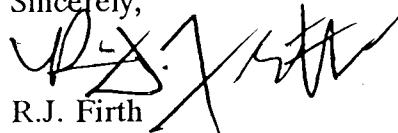


Equitable Resources Energy Company
May 21, 1996
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8, 11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #33-17-9-17BAPI number: 43-013-315812. Well Location: QQ NW SE Section 17 Township 9S Range 17E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26210Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered during drilling operations.	

6. Formation tops: Please see original completion Report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 10-24-96Name & Signature: Molly ConradTitle: Operations Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Injection (Water)

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

CONFIDENTIAL

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1926' FSL & 2000' FEL NW SE Section 17, T9S, R17E

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-31581

DATE ISSUED

2-5-96

15. DATE SPUDDED
3-12-96

16. DATE T.D. REACHED
3-19-96

17. DATE COMPL. (Ready to prod.)
n/a

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5350' GL

19. ELEV. CASINGHEAD
n/a

20. TOTAL DEPTH, MD & TVD
5600'

21. PLUG BACK T.D., MD & TVD
5518'

22. IF MULTIPLE COMPL., HOW MANY*
n/a

23. INTERVALS DRILLED BY
ROTARY TOOLS
SFC - TD

CABLE TOOLS
n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
n/a

25. WAS DIRECTIONAL SURVEY MADE
n/a

26. TYPE ELECTRIC AND OTHER LOGS RUN

SLL SDL DSN CBL/GR

27. WAS WELL CORED
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-1/2"	24#	264' KB	12-1/4"	160 sxs "G" w/additives	None
5-1/2"	15.5#	5567.83' KB	7-7/8"	170 sxs Super "G" w/additives	None
				445 sxs 50/50 POZ w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8"	3847.15'	n/a

31. PERFORATION RECORD (Interval, size and number)

5247' - 5264' (4 SPF) 4842' - 44' (2 holes)
4704' - 4719' (7 holes)
4731' - 4738' (3 holes)
4857' - 4872' (7 holes)
3906' - 3919' (2 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
** Please see attachment.	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
n/a		n/a				SIWO Injection	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
n/a	n/a	n/a		n/a	n/a	n/a	n/a
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a					n/a	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
n/a

TEST WITNESSED BY
n/a

35. LIST OF ATTACHMENTS

Section 32 - Acid, Shot, Fracture, Cement Squeeze, ETC.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Molly Conrad

TITLE

Operations Secretary

DATE

10-24-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

38.

GEOLOGIC MARKERS

FORMATION

DESCRIPTION, CONTENTS, ETC.

BOTTOM

TOP

NAME _____

top

TRUE
VERT. DEPTH

No DST run.

Green River
Horsebench SS
2nd Garden Gulch
Yellow Marker
Douglas Creek
2nd Douglas Creek
Green Marker
Black Shale Facies
Carbonate Marker

1327'	1327'
1992'	1992'
3626'	3626'
4240'	4240'
4402'	4402'
4633'	4633'
4769'	4769'
5001'	5001'
5236'	5236'

Attachment to Completion Report
Monument Federal#33-17-9-17B
NW SE Section 17, T9S, R17E
Duchesne County, Utah

DEPTH INTERVAL

AMOUNT AND KIND OF MATERIAL USED

5247' - 5264'	Break down with 3,234 gallons 2% KCL water. Fracture with 19,560# 20/40 mesh sand and 33,980# 16/30 mesh sand with 2,016 gallons 2% KCL gelled water.
4704' - 4738'	Break down with 1,722 gallons 2% KCL water.
4857' - 4872'	Break down with 1,764 gallons 2% KCL water.
4704' - 4872'	Fracture with 79,300# 16/30 mesh sand with 29,064 gallons 2% KCL gelled water.
3906' - 3919'	Break down with 2,436 gallons 2% KCL water. Fracture with 25,200# 12/20 mesh sand with 8,988 gallons 2% KCL gelled water

10/24/96
MC

DAILY OPERATING REPORT

Monument Federal #33-17-9-17B

Location: NW SE Section 17, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

1926' FSL & 2000' FEL

API #43-013-31581 (2-5-96)

PTD: 5600' Formation: Green River

Monument Butte Field

Elevations: 5350' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 3/12/96

Casing:

Tubing:

03/13/96	TD: 285' (285') Day: 1 RU Union Drilling #17. Spud 12-1/2" surface hole @ 12:00 pm, 3/12/96. Drill to 285'. Run 6 jts 8-5/8" 24# J-55. Land csg @ 264'KB. Cement w/160 sks "G" w/2% CaCl and 1/4 pps cello flakes. Plug down @ 12:15 am, 3/13/96. WOC.	
03/14/96	TD: 1,307' (1,022') Day: 2 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole. DC: 18,396	CC: \$23,526
03/15/96	TD: 2,693' (1,386') Day: 3 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole DC: \$23,948	CC: \$48,474
03/16/96	TD: 3,766' (1,073') Day: 4 Formation: Sand & Shale Present Operation: Load hole w/fluid, trip for bit #3 DC: \$19,314	CC: \$67,788
03/17/96	TD: 4,479' (713') Day: 5 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole DC: \$12,834	CC: \$80,622
03/18/96	TD: 5,162' (673') Day: 6 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole DC: \$12,114	CC: \$92,736
03/19/96	TD: 5,600' (448') Day: 7 Formation: Sand & Shale Present Operation: Test 5-1/2" Rams and run 5-1/2" csg. DC: \$8,064	CC: \$100,800

DAILY OPERATING REPORT

Monument Federal #33-17-9-17B

Location: NW SE Section 17, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

03/19/96

Completion

Run 5-1/2" J-55, 15.5# csg as follows:

Shoe	.90'
Shoe jt	42.30'
Float collar	1.10'
128 jts csg	5,513.53'
Landing jt	10.00'
Total csg length	5,557.83'
Depth landed	5,567.83'KB
PBTD	5,563.53'KB

Cement 5-1/2" csg as follows: Lead - 170 sxs super "G" 47#/sx G + 3#/sx poz + 34#/sx BA-91 + 3% salt + 2% gel + 2#/sx Hi Seal 2 + 1/4#/sx cello seal. Tail - 445 sxs 50/50 poz + 2% gel + 1/4#/sx cello seal + 2#/sx Hi Seal 2. Plug down @ 9:30 AM.

05/14/96

Completion

Dress up location, set rig anchors, set tanks & pump. MIRU Penant Well Service Rig #4. NU 5M well head, NU BOP.

05/15/96

Completion

TIH w/4-3/4" bit, 5-1/2" csg scrapper & 178 jts 2-7/8" tbg. Tag PBTD at 5518' KB. Circulate hole clean w/120 bbls 2% KCL wtr. Press test csg to 1000 psi, OK. TOOH w/tbg & tools. RU Cutter Wire Line to run CBL & perf. Run CBL from 'KB to 'KB. TOC at 'KB. Perf 5247- '5264', 4 SPF. RD Cutter. TIH w/RBP, retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" SN & 178 jts 2-7/8" tbg. Set BP at 5342' KB, EOT at 5149' KB, pkr at 5201' KB. SWIFN.

DC: \$10,971

CC: \$111,771

5-16-96

Completion

RU BJ Services & break down 5247' - 64' w/3234 gallons 2% KCL water. AT{ 1800 psi, max 2220 psi. ATR 4 bpm, max 4 bpm. ISIP 1500. TOOH w/tbg packer & retrieving tool. RU BJ Service to frac 5247' - 64' w/19,560# 20/40 mesh sand and 33,980# 16/30 mesh sand w/2,016 gallons 2% KCL gelled water. ATP 1900 psi, max 2240 psi. ATR 30.9 bpm, max 31.3 bpm. ISIP 1850 psi, 5 min 1670 psi, 10 min 1550 psi, 15 min 1430 psi & 30 min 1300 psi. 6 bbls to load hole. Flow back 120 BW w/trace sand. End pressure 350 psi. SWIFN.

DC: \$26,735

CC: \$138,506

DAILY OPERATING REPORT

Monument Federal #33-17-9-17B

Location: NW SE Section 17, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

05/17/96 Completion
Bleed well down, flow back 11 bbls wtr. TIH w/retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" SN, & 168 hts 2-7/8" tbg. Tag sand at 5255' KB. Circulate down to 5311' KB. Pull up & set pkr at 5193' KB. Made 18 swab runs, recovered 10 bbls oil, 98 bbls wtr, good gas, trace sand. Oil 60% last run. Fluid level at 4000' last 5 runs. Release pkr, tag sand at 5321' KB. Circulate down to BP, release BP, reset BP at 4902' KB. TOO H w/tbg and pkr. SWIFD.
DC: \$2,120 CC: \$140,626

05/18/96 Completion
RU Cutter Wire Line and perf 4704' - 4719' w/7 holes, 4731' - 4738' w/3 holes, 4857' - 4872' w/7 holes. RD Cutter. TIH w/retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" SN, and 149 jts 2-7/8" tbg. Set pkr at 4657' KB. EOT at 4665' KB. SWI until 5-20-96.
DC: \$2,272 CC: \$142,898

05/20/96 Completion
RU BJ Services to break down. Reset pkr at 4791' KB. Break down as follows: 1764 gals 2% KCL wtr and 14 ball sealers were pumped, saw ball action, no ball off. ATP = 1600 psi, ATR = 3.8 bpm, ISIP = 1350 psi. Used 42 bbls wtr. Reset BP at 4786' KB, pkr at 4657' KB. RU to break down 4704' - 4738'. Break down as follows: 1722 gals 2% KCL wtr. ATP = 1700 psi, ATR = 3.8 bpm, ISIP = 1400 psi. Used 41 bbls wtr. Could not reset BP. TOO H w/ BP. Tih w/BP. Set BP at 4903' KB. TOO H w/tbg, pkr, and retrieving tool. RU to frac 4704' - 4738'. Frac as follows: 29,064 gals 2% KCL wtr and 79,300 lbs 16/30 sand. ATP = 3700 psi, ATR = 39.2, ISIP = 2120 psi, 5 min = 1670 psi, 10 min = 1640 psi, 15 min = 1630 psi, 30 min = 1520 psi. Used 692 bbls wtr. Start forced closure flow back, 1.5 bpm. Flow back 262 bbls wtr, 0 oil, trace sand, gas cut. SWIFN.
DC: \$33,152 CC: \$176,050

05/21/96 Completion
Bleed well down, flow back 9 bbls wtr. TIH w/retrieving tool, 2-3/8" x 6' sub, Hdpkr, 2-7/8" SN & 156 jts 2-7/8" tbg. Tag sand at 4870' KB. Circulate down to 4904' KB. Set pkr at 4688' KB. Made 11 swab runs. Recovered 13 bbls oil, 62 bbls wtr, gas cut, no sand. Oil 65% last 3 runs. Fluid level 3700' last run. Release pkr, tag sand at 4904' KB. Circulate down to BP at 4912' KB. Used 20 bbls wtr. Release BP, reset BP at 3982' KB. TOO H w/tbg, pkr & retrieving tool. RU Cutter Wire Line & perforate 3906' - 3919', 2SPF. RD Cutter Wire Line Service. TIH w/retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" SN, and 124 jts 2-7/8" tbg. Set pkr at 3873' KB, EOT 3881' KB. SWIFD.
DC: \$3,683 CC: \$179,733

DAILY OPERATING REPORT

Monument Federal #33-17-9-17B

Location: NW SE Section 17, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

05/22/96

Completion

RU BJ Services to break down 3906' - 3919'. Break down w/ 2436 gals 2% KCL wtr and 104 ball sealers, saw ball action, ball out. ATP = 2400 psi, ATR = 5.1, ISIP - 1500 psi. Used 58 bbls wtr. TOOH w/tbg, pkr, & retrieving tool. Flow back 10 bbls wtr. RU to frac 3906' - 3919'. Frac w/8988 gals 2% KCL wtr and 25,200 lbs 12/20 sand. ATP = 2000 psi, ATR = 31.2 bpm, ISIP = n/a, 5 min = 4210 psi, 10 min = 3870 psi, 15 min = 3560 psi. Used 214 bbls wtr. Screen out w/8000 lbs sand on formation. Flow back 118 bbls wtr & 17,000 lbs sand (estimated). TIH w/ 100 jts tbg. Tag sand at 3160' KB. Circulate down to 3645' KB. Pull up 20 jts, circulate tbg clean. SWIFD.

DC: \$22,304

CC: \$202,037

05/23/96

Completion

Tag sand at 3614' KB. Circulate down to 3954' KB. Set end of tbg at 3506' KB. Injection test w/2% KCL wtr. Perf 3906' - 3919'. Pump 1.2 bbls per min, 2100 psi, 108 bbls wtr. Shut in 1/4 hr. 900 psi. Flow back 33 bbls wtr in 20 min. TOOH w/tbg. TIH w/retrieving tool & 125 jts tbg. Tag sand at 3945' KB. Circulate down to BP at 3983' KB. Release BP. TOOH w/tbg & BP.

DC: \$1,952

CC: \$203,989

05/24/96

Completion

RU Cutter Wireline & perf 4842' - 4844', 2 holes. TIH w/injection string (tbg.) as follows:

	<u>LENGTH</u>	<u>DEPTH</u>
1 - Arrow set-1 pkr	6.00'	3847.15'
1 - Cross over 2-3/8" x 2-7/8"	.40'	3841.15'
1 - SN 2-7/8"	1.10'	3840.75'
123 - jts 2-7/8", EUE, J-55, 8rd, 6.5#	3830.65'	3839.65'
KB	9.00'	

Set pkr 59' above top perforation. ND BOP, ND 5M well head, NU 3M well head. Press test tbg to 3000 psi, 1 hour, no loss. Pump 55 gals Champion Cortron R-2383 pkr fluid mixed w/60 bbls wtr down annulus. 85 degrees F. Set pkr w/8" tension (12,000#). Press test pkr & csg to 1100 psi, 1 hour, no loss.

Fish standing valve. SWI. RDMO.

DC: \$15,435

CC: \$219,424

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Mon. Fed. 33-17-9-17B

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other request for approval to inject

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)

14. I hereby certify that the foregoing is true and correct

Regulatory and
Environmental Specialist

November 12, 1996

Signed

Bobbie Schuman

(This space for Federal or State office use)

Title

Date

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

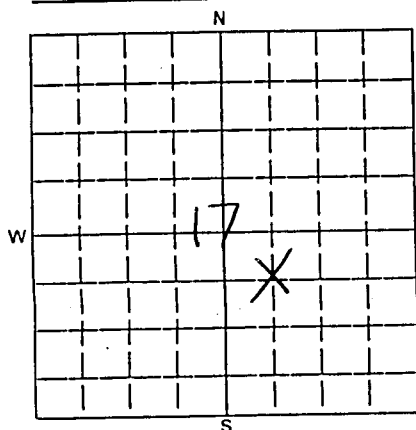
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

NAME AND ADDRESS OF CONTRACTOR

Pennant Well Service
600 17th Street 1615N
Denver, Colorado 80202LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

Utah

COUNTY

Duchesne County

PERMIT NUMBER

U-72106

SURFACE LOCATION DESCRIPTION

NW 1/4 OF SE 1/4 OF 1/4 SECTION 17 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1926 ft. from (N/S) S Line of quarter section
and 2000 ft. from (E/W) E Line of quarter section

UT 2798-043016

WELL ACTIVITY

- ☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Beluga Unit

Total Depth Before Rework

Completion

Total Depth After Rework

5600' KB

Date Rework Commenced

5/14/96

Date Rework Completed

5/24/96

TYPE OF PERMIT

☐ Individual☐ Area

Number of Wells _____

Well Number

Monument Federal

33-17-9-17B

WELL CASING RECORD — BEFORE REWORK

WELL CASING RECORD — BEFORE REWORK						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
	</					

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

WELL CASING RECORD — AFTER REWORK <small>(Indicate Additions and Changes Only)</small>						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Complete zones as indicated on attached sheets. Set Arrow Set-1 packer @ 3841' KB. Log casing annulus with 55 gal Champion Cortron 2383 pkr fluid mixed w/62 Bbls 2% KCL water.

Spectral Density Dual
Spaced Neutron Dual
Laterolog, CBL/GR.

TD to Surface

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

John Zellitti
Senior Prod. Engr.

SIGNATURE

DATE SIGNED

11-11-96



EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: Monument Federal #33-17-9-17B

FIELD: Monument Butte

FEDERAL LEASE NO.: U-72106

LOCATION: NW SE Sec. 17, T9S, R17E

FOOTAGE: 1926' FSL & 2000' FEL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

PRODUCING FORMATION: Green River

COMPLETION DATE: 5/24/96

INITIAL PRODUCTION: NA

OIL/GAS PURCHASER: Amoco

PRESENT PROD STATUS: Injection Well

ELEVATIONS - GROUND: 5350' GL

TOTAL DEPTH: 5600' KB

DATE: 10/28/96 DZ

API NO.: 43-013-31581

NET REVENUE INTEREST: 0.80471769 Oil

0.7310824 Gas

SPUD DATE: 3/12/96

OIL GRAVITY: 34

BHT:

KB: 5360' KB (10' KB)

PLUG BACK TD: 5563.53' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl &
1/4#/sx cello flakes.

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#
NO. OF JOINTS: 123 Jts. (3830.65')
SEATING NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.00'
PACKER LANDED AT: 3841' KB
PKR Set w/ 8" (12,000#) Tension

LOGS: CBL/GR;
Spectral Density Dual
Spaced Neutron; Dual
Laterolog.

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
3#/sx poz + 34#/sx BA-91 + 3% salt +
2% gel + 2#/sx HiSeal2 + 1/4#/sx
cello seal. Tail - 445 sxs 50/50 poz +
2% gel + 1/4#/sx celloseal + 2#/sx HiSeal2.

CEMENT TOP AT: 1780' KB

PERFORATION RECORD

Date	Tool	Depth Range	Notes
5/15/96	Cutter	5247'-5264'	4 SPF
5/18/96	Cutter	4704'-4719'	7 Holes
		4731'-4738'	3 Holes
		4857'-4872'	7 Holes
5/21/96	Cutter	3906'-3919'	2 SPF
5/24/96	Cutter	4842'-4844'	2 holes

ACID JOB / BREAKDOWN JOB

Date	Depth Range	Notes
5/16/96	5247'-5264'	BJ Services: 3234 gal 2% KCL water w/ 150 ball sealers. Ball action but no ball off. ATP= 1800 psi, ATR= 4.0 bpm, ISIP= 1500 psi.
5/20/96	4857'-4872'	BJ Services: 1764 gal 2% KCL water w/ 14 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 3.8 bpm, ISIP= 1350 psi.
5/20/96	4704'-4719' 4731'-4738'	BJ Services: 1722 gal 2% KCL water w/ ? ball sealers. Ball action but no ball off. ATP= 1700 psi, ATR= 3.8 bpm, ISIP= 1400 psi.
5/22/96	3906'-3919'	BJ Services: 2,436 gal 2% KCL water w/ 104 ball sealers. Balled Out. ATP= 2400 psi, ATR= 5.1 bpm, ISIP= 1500 psi.

FRAC JOB

Date	Depth Range	Notes
5/16/96	5247'-5264'	BJ Services: 2016 gal 2% KCL water w/ 19,560# 20/40 sand & 33,980# 16/30 sand. ATP= 1900, ATR= 30.9 bpm, ISIP= 1850 psi, 5 min= 1670 psi, 10 min= 1550 psi, 15 min= 1430 psi, 30 min= 1300 psi.
5/20/96	4704'-4719' 4731'-4738' 4857'-4872'	BJ Services: 29,064 gal 2% KCL water w/ 79,300# 16/30 sand. ATP= 3700 psi, ATR= 39.2 bpm, ISIP= 2120 psi, 5 min= 1670 psi, 10 min= 1640 psi, 15 min= 1630 psi, 30 min= 1520 psi.
5/22/96	3906'-3919'	BJ Services: 8988 gal 2% KCL water w/ 25,200# 12/20 sand. ATP= 2000 psi, ATR= 31.2 bpm, ISIP= ?, 5 min= 4210 psi, 10 min= 3870 psi, 15 min= 3560 psi.

Elev.GR - 5350' KB
 Elev.KB - 5359' KB (9' KB)

**INJECTION
WELLBORE DIAGRAM**

DATE : 10/28/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 254'
 DEPTH LANDED: 264' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs "G" w/2% CaCl &
 1/4#/sx cello flakes.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5557.83'
 DEPTH LANDED: 5567.83' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
 3#/sx poz + 34#/sx BA-91 + 3% salt +
 2% gel + 2#/sx HiSeal2 + 1/4#/sx
 cello seal. Tail - 445 sxs 50/50 poz +
 2% gel + 1/4#/sx celloseal +
 2#/sx HiSeal2.

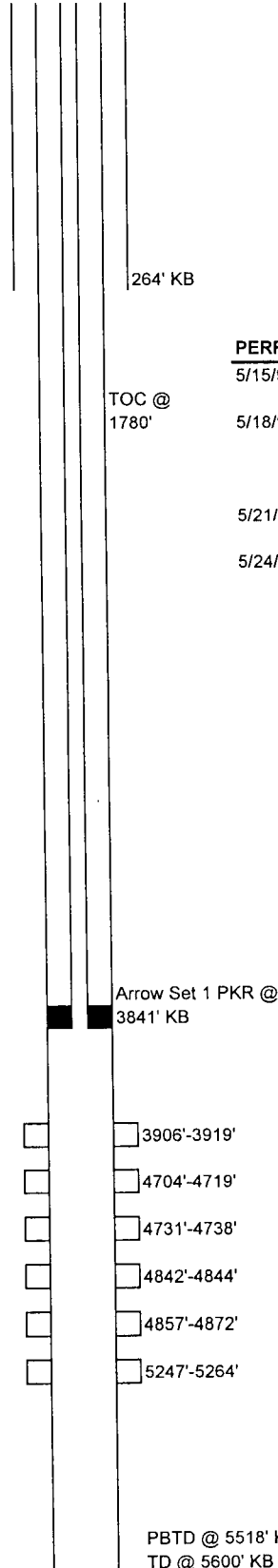
CEMENT TOP AT: 1780' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#
 NO. OF JOINTS: 123 Jts. (3830.65')
 SEATING NIPPLE: 2-7/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.00'
 PACKER LANDED AT: 3841' KB
 PKR Set w/ 8" (12,000#) Tension

PACKER FLUID: 55 gal Champion Cortron 2383 PKR fluid
 mixed w/ 62 bbls 2% KCL water.
 5/24/96

MIT RECORD:



PERFORATION RECORD

5/15/96	Cutter	5247'-5264'	4 SPF
5/18/96	Cutter	4704'-4719'	7 Holes
		4731'-4738'	3 Holes
		4857'-4872'	7 Holes
5/21/96	Cutter	3906'-3919'	2 SPF
5/24/96	Cutter	4842'-4844'	2 holes

Arrow Set 1 PKR @
 3841' KB

3906'-3919'
 4704'-4719'
 4731'-4738'
 4842'-4844'
 4857'-4872'
 5247'-5264'

PBD @ 5518' KB
 TD @ 5600' KB



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 31-17
Pomco 5
State NGC 11-16
Balcron Monument Federal 33-8
Balcron Monument Federal 13-8

Monument State 13-16-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 22-17
Paiute Federal 11-7
Monument Butte Federal 1-8
Paiute Federal 24-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



Page 2
Equitable Resources Energy Company
November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R. J. Firth
Associate Director

lwp
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17
East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

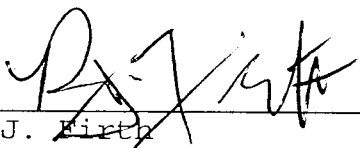
Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on
May 21, 1996

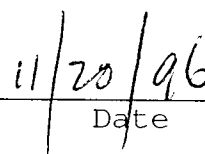


2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas



Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
See attached list

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Beluga Unit

8. Well Name and No.
See attached list

9. API Well No.
See attached list

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See attached list

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Monument Federal # 33-17-9-17B has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 6.35 STB/WD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman

(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date January 13, 1997

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Federal

	Field	Status Formation							Lease #	APT #	Footages	UNIT	
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	OIL	Green River	UTU-74108		2217' FSL, 2187 FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	COMPL	Green River	U-72106	43-013-31581	1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8	9S	17E	Duchesne	UT	PND	Green River	U-74398	43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16	9S	17E	Duchesne	UT	DRLG	Green River	State ML-21844	43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL	Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/MS

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>6/3/97</u>	Well Owner/Operator: <u>EQUITABLE RESOURCES</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: 43- <u>013-31581</u>	Well Name/Number: <u>MONUMENT FEDERAL 33-17-9-17B</u>
Section: <u>17</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 1560 psi
Casing/Tubing Annulus - Pressure: 1190 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1190</u>	<u>1560</u>
5	<u>1190</u>	<u>1560</u>
10	<u>1190</u>	<u>1560</u>
15	<u>1190</u>	<u>1560</u>
20	<u>1190</u>	<u>1560</u>
25	<u>1190</u>	<u>1560</u>
30	<u>1190</u>	<u>1560</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1560 psi
Casing/Tubing Annulus Pressure: 1190 psi

REMARKS:

WELL WAS PRESSURED UP ON 6/2/97, NO LEAK
OFF ON TUBING OR CASING

[Signature]
Operator Representative

[Signature]
DOG M Witness

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Aliottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Change of Operator

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
 1601 Lewis Avenue
 Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
OMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

RECEIVED

OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

OCT 13 1997

Well name and number: See Attached BELUGA (GREEN RIVER) UNIT

Field or Unit name: See Attached API no. See Attached

Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached

Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [Signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A. Potter Company Inland Production Company

Signature [Signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

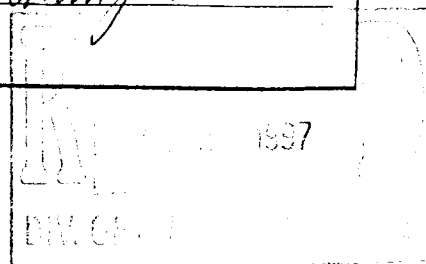
Date 9-30-97 Phone (303) 292-0900

Comments:

(State use only)

Transfer approved by [Signature] Title Manager

Approval Date 3-19-98



Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145 mL3453B	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

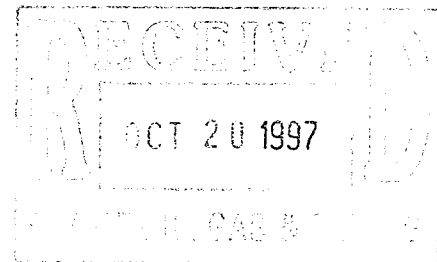
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron
UT931:TAThompson:tt:3/2/98

Well Status Report
Utah State Office
Bureau of Land Management

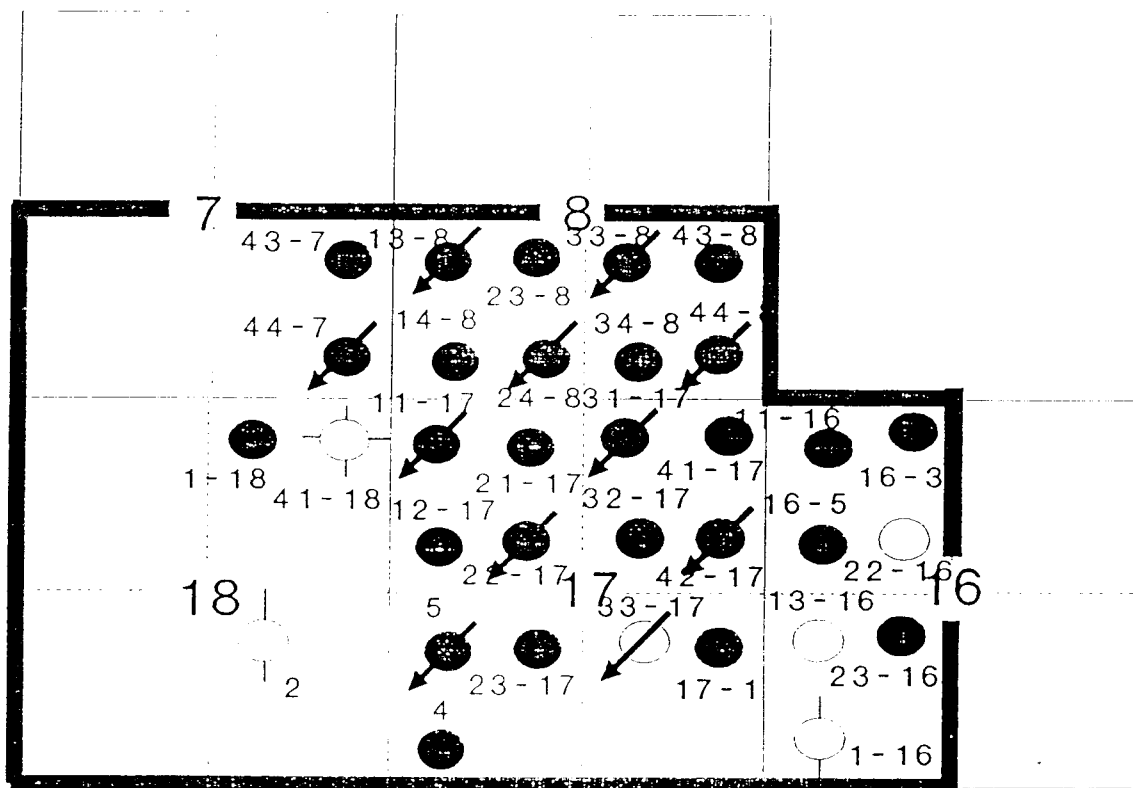
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (WIW)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-179-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCROW FED	NENE	18	T	9S	R17E ABD (FA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

11250

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



17E

— UNIT OUTLINE (UTU75023X)
2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-ET
2-GLH	7-KAS
3-FHS	8-SIL
4-VLD	9-FIE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97TO: (new operator) INLAND PRODUCTION CO.
(address) PO BOX 1446ROOSEVELT UT 84066Phone: (435) 722-5103Account no. N5160FROM: (old operator)
(address)EQUITABLE RESOURCES ENERGYC/O CRAZY MTN O&G SVS'SPO BOX 577LAUREL MT 59044Phone: (406) 628-4164Account no. N9890

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31581</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) X Quattro Pro s. DBASE (w/c) 3-11-98.
- lec 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- lec 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A/Sec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."

- N/A/Sec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/Sec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/Sec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Sec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 3-14-98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980311 Blm/SL Apr. 3-2-98

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y 11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y 1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y 6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N



May 13, 1999

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Dan:

Please find enclosed Step Rate Test (SRT) results on the Monument Federal #33-17 injection well. The SRT was conducted by Inland Production Company on May 13, 1999. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure to 1893 psi for the Monument Federal #33-17 in the Beluga Unit. The Step Rate Test has been also submitted to Mr. Edwin Hogle with the Environmental Production Agency.

Thank you for your assistance. If you have any questions or need further information, please don't hesitate to call me at (435) 646-3721.

Sincerely,

Brad Mecham
Operations Manager

Enclosures

cc: Environmental Protection Agency

/bm

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-72106

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

OIL ☐ GAS ☐
WELL ☐ WELL ☐ OTHER ☒ Injection

7. UNIT AGREEMENT NAME

Beluga Unit

2. NAME OF OPERATOR

INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME

MONUMENT FEDERAL 33-17-9-17B

3. ADDRESS OF OPERATOR

**Route 3, Box 3630, Myton Utah 84052
(435-646-3721)**

9. WELL NO.

Fed 33-17

4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

NW/SE 1926 FSL 2000 FEL

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

NW/SE Section 17, T09S R17E

14. API NUMBER

43-013-31581

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350 GR

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐
(OTHER) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(OTHER) STEP RATE TEST ☒

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On May 13, 1999 Inland Production Company conducted a Step-Rate Test (SRT) on the Monument Federal #33-17 injection well in the Beluga Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection pressure on the #33-17 injection well to 1893 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED Brad Mecham
Brad Mecham

TITLE Operations Manager

DATE 5/14/99

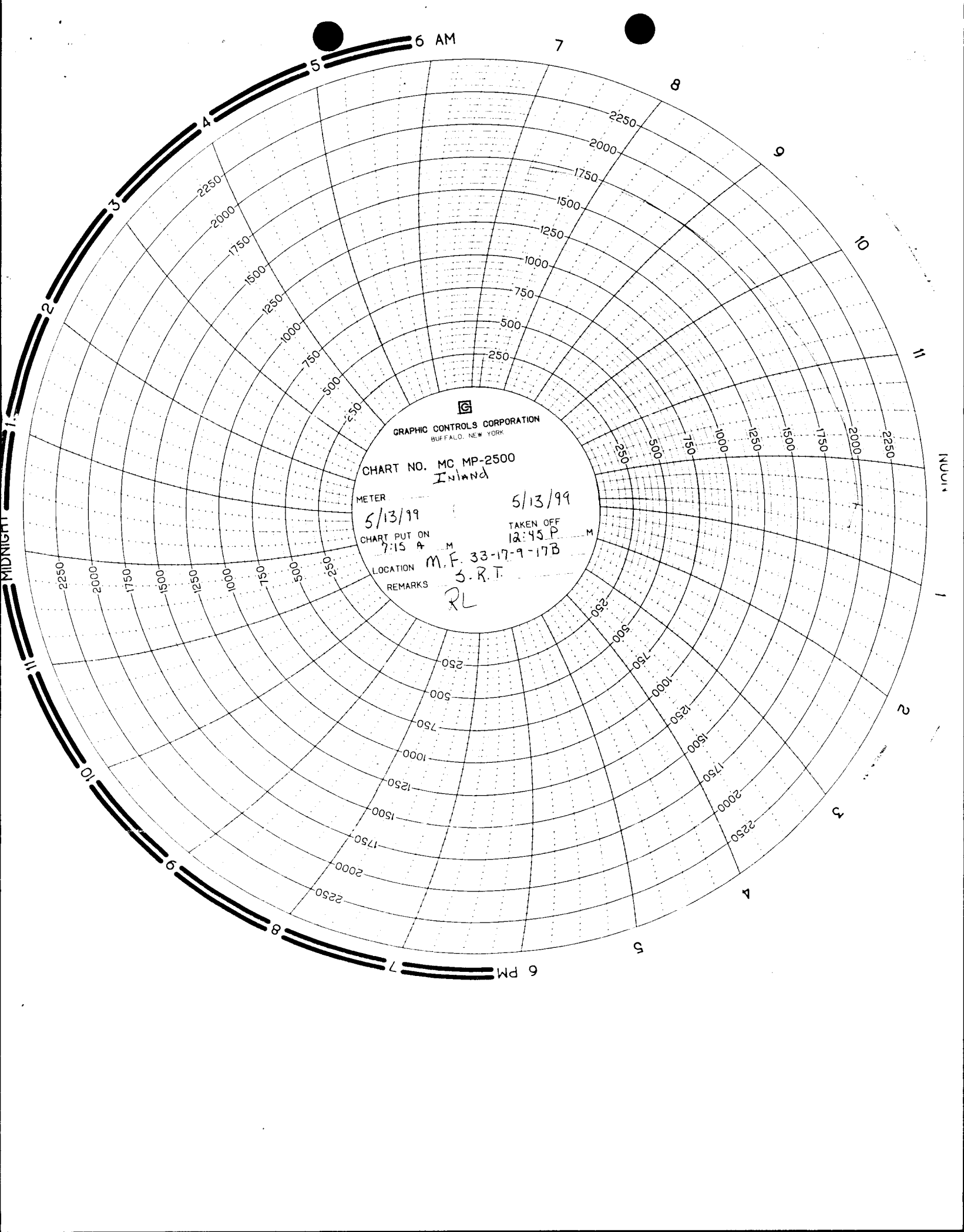
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5-20-99
CHD

* See Instructions On Reverse Side

5/20/99
Brad Mecham



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-2500
Inland

METER

5/13/99

CHART PUT ON
7:15 A

5/13/99

TAKEN OFF
12:45 P

LOCATION
REMARKS

M.F. 33-17-9-17B
S.R.T.

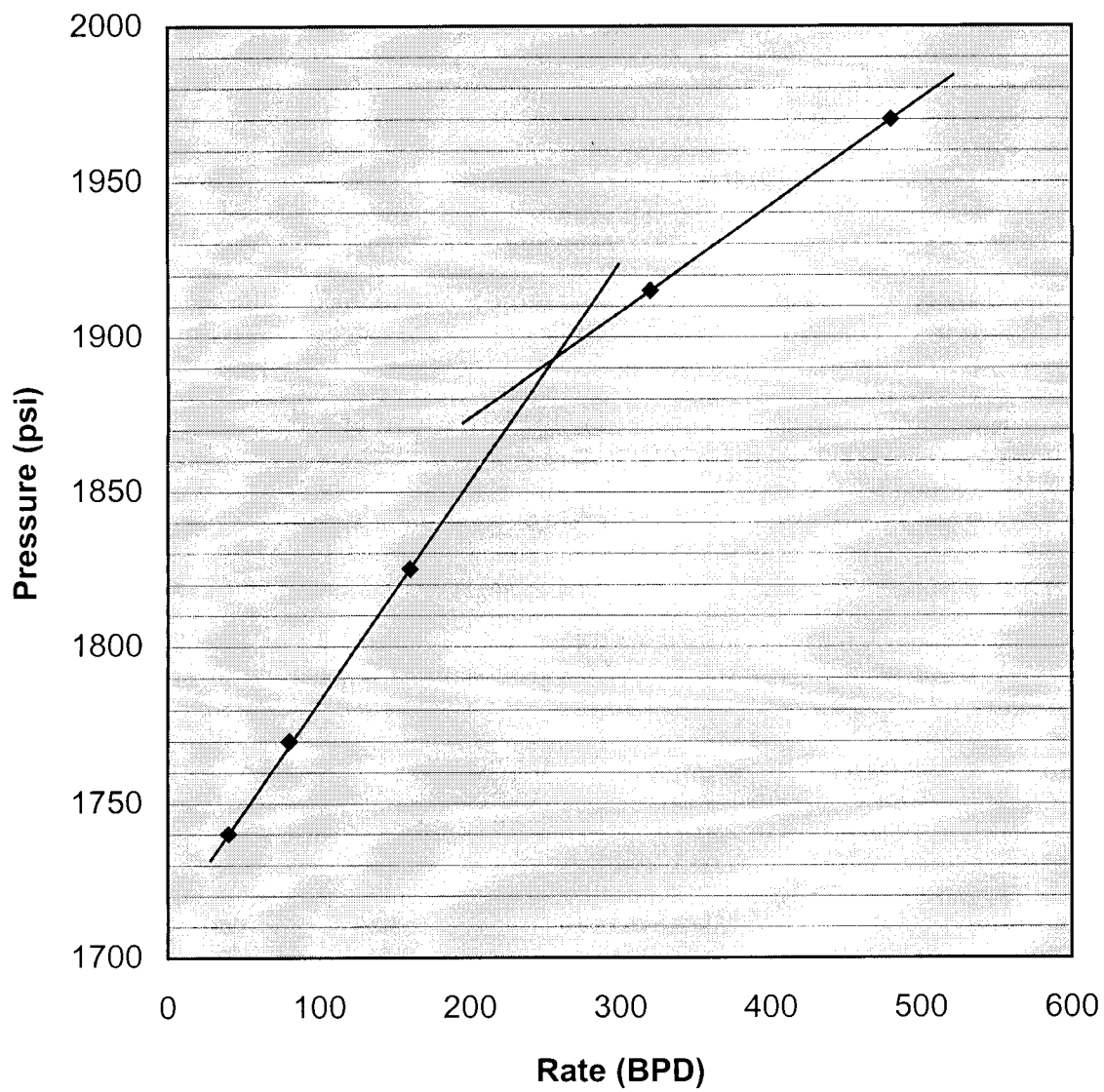
RL

M● FED 33-17-9-17B

(Beluga unit)

Step Rate Test

May 13, 1999



ISIP: 1960 psi

Fracture pressure: 1893 psi

Step	Rate(bpd)	Pressure(psi)
1	40	1740
2	80	1770
3	160	1825
4	320	1915
5	480	1970

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
OCT 25 2001

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. DU-72106	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection		7. UNIT AGREEMENT NAME BELUGA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MON FED 33-17B-9-17	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. MON FED 33-17B-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. * See also space 17 below.) At surface NW/SE Section 17, T09S R17E 1926 FSL 2000 FEL		10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE Section 17, T09S R17E	
14. API NUMBER 43-013-31581	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5350 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/2/01 Mr. Al Craver w/ EPA and Mr. Dennis Ingram W/ State DOGM was contacted of the intent to conduct a MIT on the casing. On 10/17/01 the casing was pressured to 1095 psi and maintained with no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED

Krissha Russell
Krissha Russell

TITLE

Production Clerk

DATE

10/23/01

cc: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 10-29-01
By: *[Signature]*

* See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 10-29-01
Initials: *[Signature]*

DATE

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A. Date: 10 / 17 / 01
Test conducted by: Verdell Marx
Others present: Bert Cook

Well Name: <u>ME 33-17-9-17B</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>Monument Butte</u>		
Location: <u>33</u> Sec: <u>17</u> T <u>9</u> N / S R <u>17</u> E / W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Inland</u>		
Last MIT: <u>11 / 13 / 96</u> Maximum Allowable Pressure: <u>1893</u> PSIG		

Is this a regularly scheduled test? ☒ Yes ☐ No

Initial test for permit? ☐ Yes ☒ No

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☒ Yes ☐ No If Yes, rate: 20 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE

	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1095</u> psig	psig	psig
End of test pressure	<u>1095</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1095</u> psig	psig	psig
5 minutes	<u>1095</u> psig	psig	psig
10 minutes	<u>1095</u> psig	psig	psig
15 minutes	<u>1095</u> psig	psig	psig
20 minutes	<u>1095</u> psig	psig	psig
25 minutes	<u>1095</u> psig	psig	psig
30 minutes	<u>1095</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff: _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES

☐ NO - why not? _____

[] Data Entry

☐ Compliance Staff

[] 2nd Data Entry

☐ Hardcopy Filing



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Tech. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****BELUGA (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 43-7	07	090S	170E	4301331432	11880	Federal	OW	P
BELUGA 15-7-9-17	07	090S	170E	4301331579	11880	Federal	OW	P
BELUGA 10-7-9-17	07	090S	170E	4301332048	11880	Federal	WI	A
BELUGA 14-7-9-17	07	090S	170E	4301332049	11880	Federal	WI	A
MON FED 33-8	08	090S	170E	4301331427	11880	Federal	WI	A
MON ST 23-16-9-17B	16	090S	170E	4301331578	11880	State	OW	P
MON ST 13-16-9-17B	16	090S	170E	4301331580	11880	State	WI	A
MON FED 31-17	17	090S	170E	4301331428	11880	Federal	WI	A
MON FED 22-17	17	090S	170E	4301331429	11880	Federal	WI	A
BALCRON MON FED 12-17	17	090S	170E	4301331431	11880	Federal	OW	P
MONUMENT FED 32-17	17	090S	170E	4301331465	11880	Federal	OW	P
MONUMENT FED 41-17	17	090S	170E	4301331466	11880	Federal	OW	P
BALCRON MON FED 42-17	17	090S	170E	4301331467	11880	Federal	WI	A
MON FED 33-17-9-17B	17	090S	170E	4301331581	11880	Federal	WI	A
MON FED 23-17-9-17B	17	090S	170E	4301331582	11880	Federal	OW	P
BELUGA 3-18-9-17	18	090S	170E	4301332050	11880	Federal	OW	P
BELUGA 7-18-9-17	18	090S	170E	4301332051	11880	Federal	OW	TA
BELUGA 8-18-9-17	18	090S	170E	4301332052	11880	Federal	WI	A
BELUGA 9-18-9-17	18	090S	170E	4301332053	11880	Federal	OW	P
BELUGA U 4-18-9-17	18	090S	170E	4301332274	11880	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-72106

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
BELUGA UNIT

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

MON 33-17-9-17B

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301331581

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1926 FSL 2000 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: NWSE, 17, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/18/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on May 31, 2006. Results from the test indicate that the fracture gradient is .948 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 2005 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR STATE USE ONLY

NAME (PLEASE PRINT) Cheyenne Bateman

TITLE Well Analyst Foreman

SIGNATURE

DATE 07/18/2006

(This space for State use only)

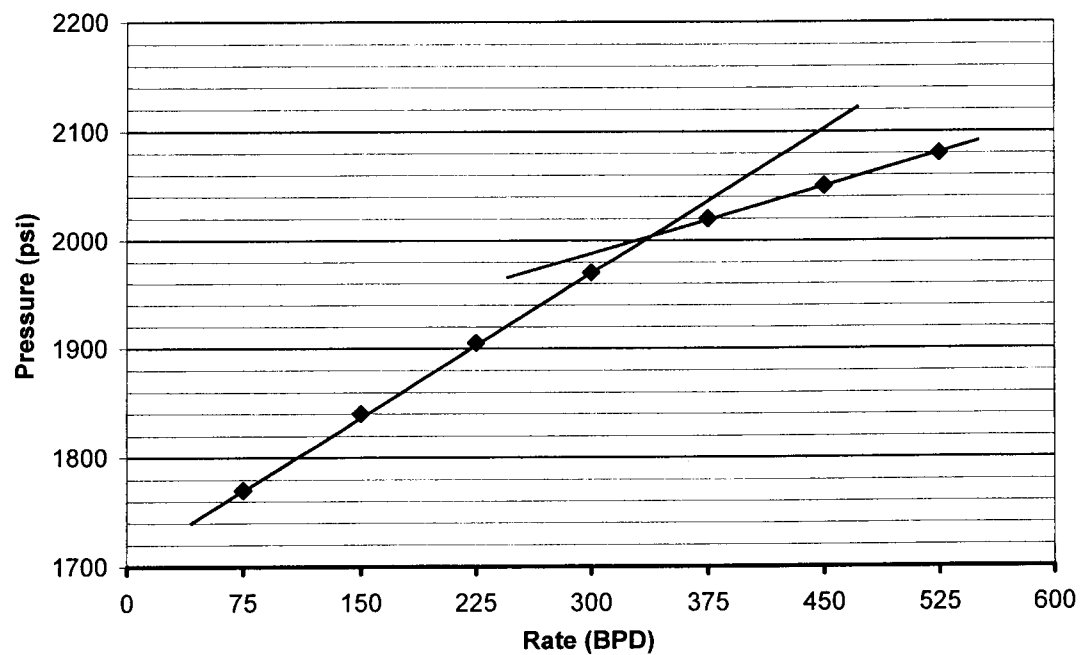
RECEIVED
JUL 20 2006
DIV. OF OIL, GAS & MINING

Monment Federal 33-17

Beluga Unit

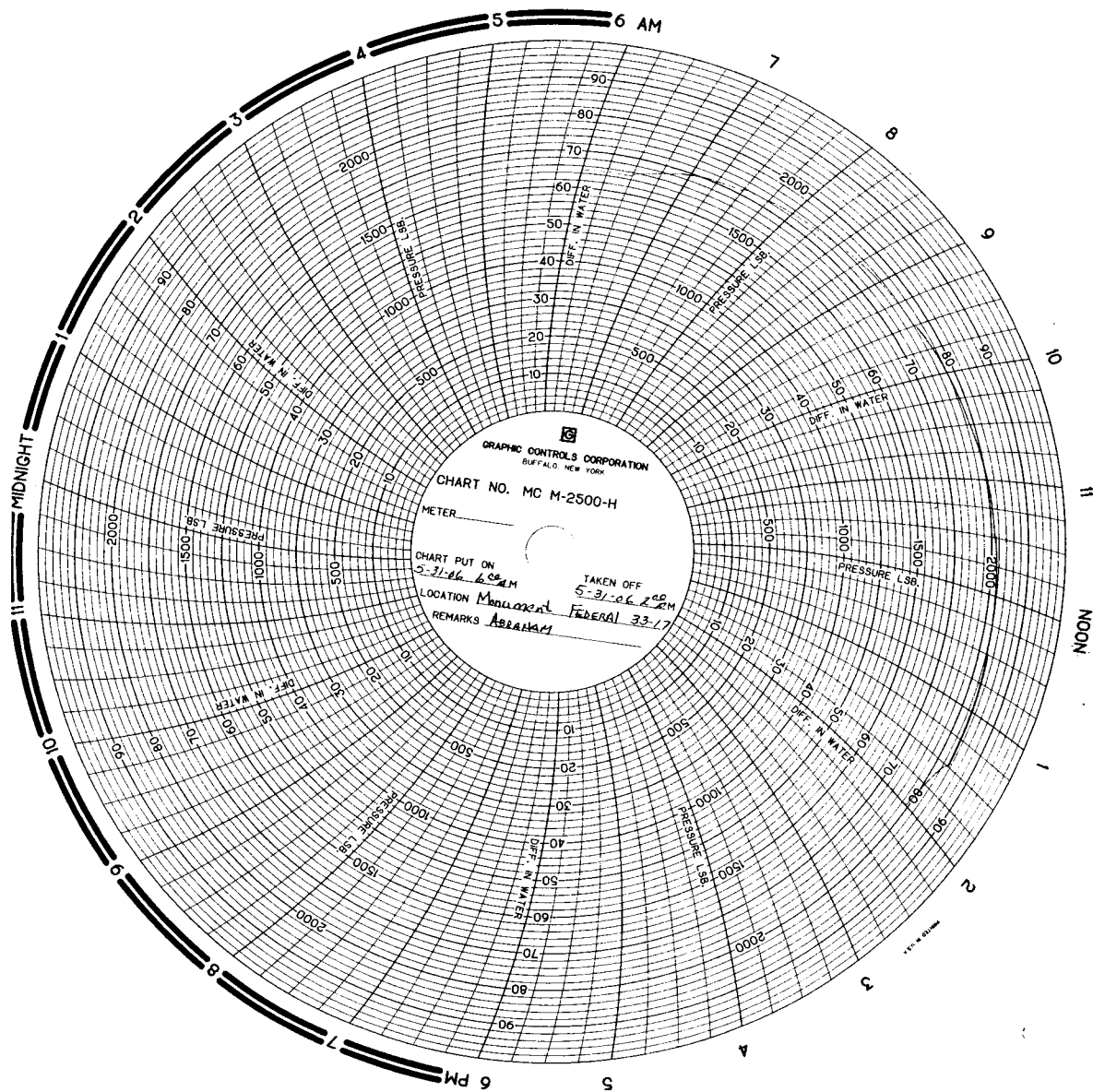
Step Rate Test

May 31, 2006



Start Pressure: 1630 psi
 Instantaneous Shut In Pressure (ISIP): 2070 psi
 Top Perforation: 3906 feet
 Fracture pressure (Pfp): 2005 psi
 FG: 0.948 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	75	1770
2	150	1840
3	225	1905
4	300	1970
5	375	2020
6	450	2050
7	525	2080



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72106
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: MON 33-17-9-17B
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1926 FSL 2000 FEL		9. API NUMBER: 4301331581
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 17, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - 5 Year MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/10/2006			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 9/26/06 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/10/06. On 10/10/06 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1850 psig during the test. There was not an EPA representative available to witness the test. EPA# 20798-04316 API# 43-013-31581

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 10/16/2006

(This space for State use only)

RECEIVED
OCT 17 2006

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10/10/06
Test conducted by: Trefley J. Ruz
Others present: _____

Well Name: <u>MONUMENT Fed 33-17B-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT Butte</u>		
Location: <u>NW/SE</u> Sec: <u>17B</u> T <u>9</u> N <u>15</u> R <u>17E</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

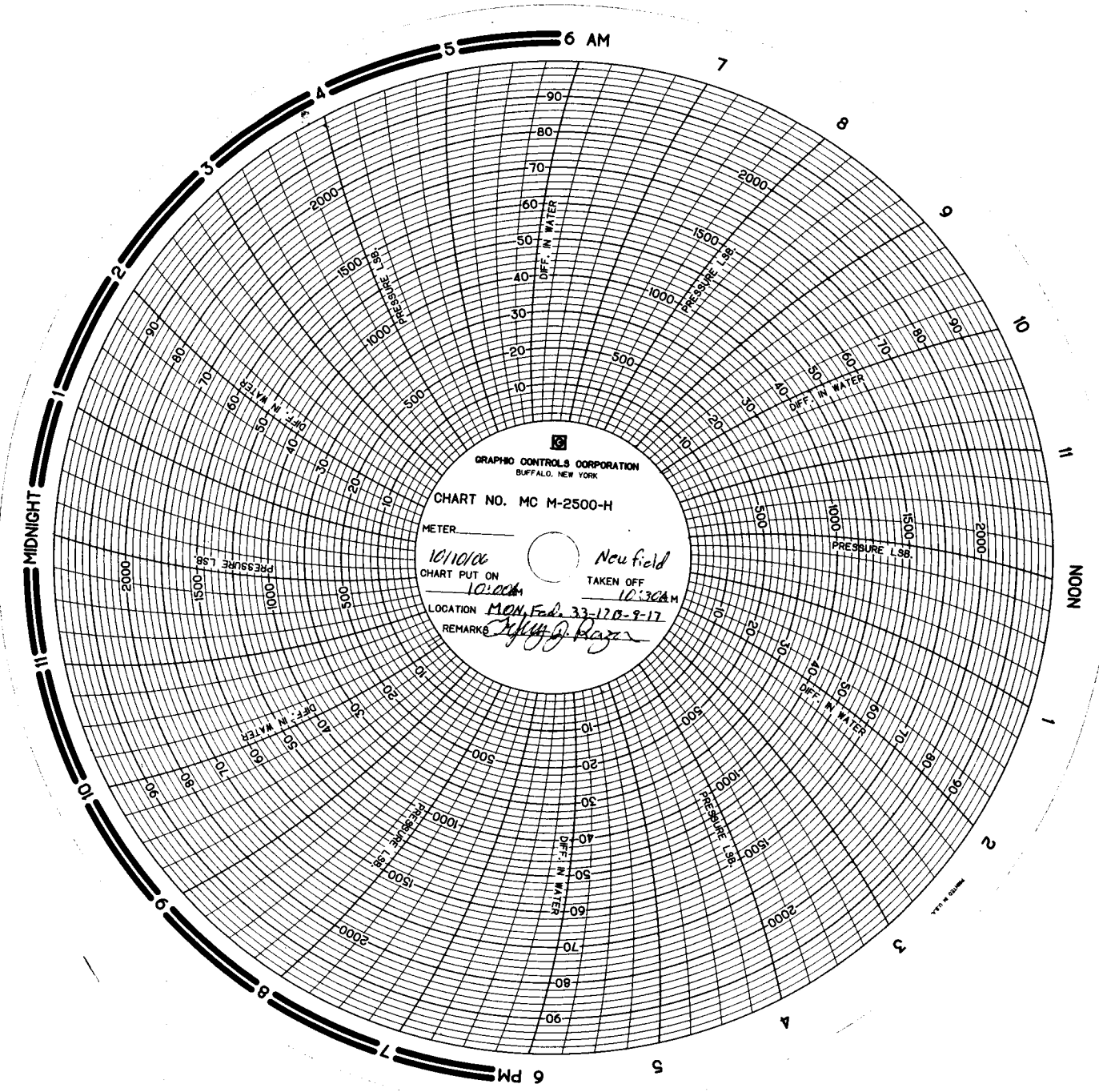
MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure	<u>1850</u> psig	psig	psig	psig
End of test pressure	<u>1850</u> psig	psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes	<u>1150</u> psig	psig	psig	psig
5 minutes	<u>1150</u> psig	psig	psig	psig
10 minutes	<u>1150</u> psig	psig	psig	psig
15 minutes	<u>1150</u> psig	psig	psig	psig
20 minutes	<u>1150</u> psig	psig	psig	psig
25 minutes	<u>1150</u> psig	psig	psig	psig
30 minutes	<u>1150</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER _____

CHART PUT ON 10/10/06

TAKEN OFF 10:30 AM

LOCATION MON, Feb. 33-17B-9-17

REMARKS Hydro. J. R. R.

New field

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 33-17-9-17B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1926 FSL 2000 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 17 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/30/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 On 09/14/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/30/2011 the casing was pressured up to 1605 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1939 psig during the test. There was not an EPA representative available to witness the test.
 EPA# UT20798-04316

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/5/2011	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 9 / 30 / 2011
Test conducted by: Brandon Morales
Others present: _____

Well Name: <u>33-17-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>33</u> Sec: <u>17</u> T <u>9</u> N/S <u>R17</u> E/W <u>Duchesne</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Brandon Morales</u>		
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: <u>2005</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 16 bpd

Pre-test casing/tubing annulus pressure: 0 psig

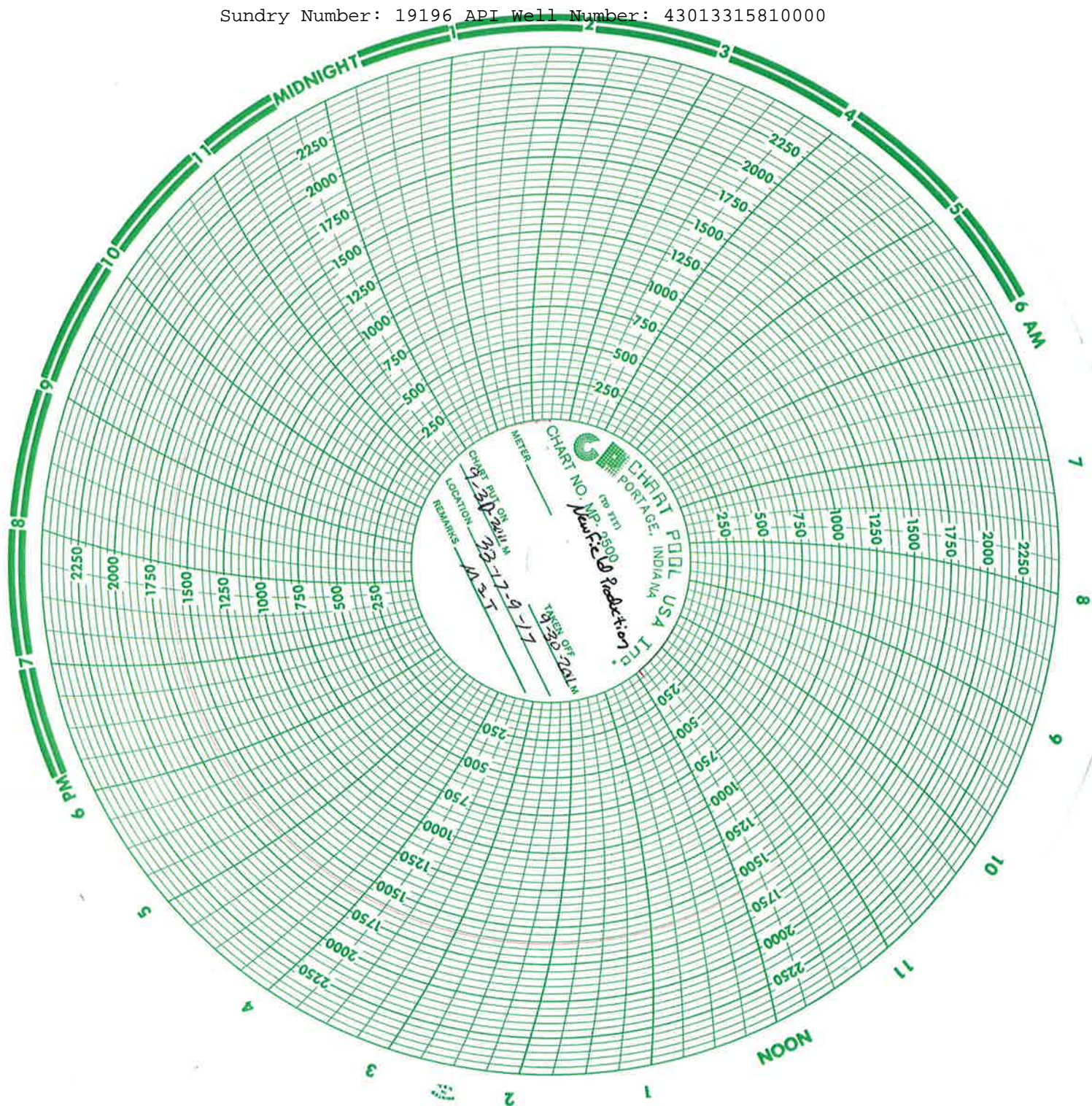
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1941</u> psig	psig	psig
End of test pressure	<u>1939</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1605</u> psig	psig	psig
5 minutes	<u>1605</u> psig	psig	psig
10 minutes	<u>1605</u> psig	psig	psig
15 minutes	<u>1605</u> psig	psig	psig
20 minutes	<u>1605</u> psig	psig	psig
25 minutes	<u>1605</u> psig	psig	psig
30 minutes	<u>1605</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Spud Date: 3/12/96

Completion Date: 5/24/96

GL: 5350' KB: 5360' KB (10' KB)

Monument Federal #33-17-9-17B

Injection Diagram

Initial Production: NA

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl & 1/4#sxcello flakes.

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#sxc + 3#sxc + 34#sxc BA-91 + 3% salt + 2% gel + 2#sxc HiSeal2 + 1/4#sxc cello seal. Tail - 445 sxs 50-50 poz + 2% gel + 1/4#sxc cello seal + 2#sxc HiSeal2.

CEMENT TOP AT: 1780' KB

Tubing Record

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 - 6.5#
NO. OF JOINTS: 123 Jts. (3830.65')
SEATING NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.00'
PACKER LANDED AT: 3841' KB
PKR Set w/ 8" (12,000#) Tension

LOGS: CBL/GR;
Spectral Density Dual
Spaced Neutron; Dual
Laterolog.

FRAC JOB

5/16/96 5247'-5264' BJ Services: 2016 gal 2% KCL water w/ 19,560# 20/40 sand & 33,980# 16/30 sand. ATP= 1900, ATR= 30.9 bpm, ISIP= 1850 psi, 5 min= 1670 psi, 10 min= 1550 psi, 15 min= 1430 psi, 30 min= 1300 psi.

5/20/96 4704'-4719' BJ Services: 29,064 gal 2% KCL water w/ 79,300# 16/30 sand. ATP= 3700 psi, ATR= 39.2 bpm, ISIP= 2120 psi, 5 min= 1670 psi, 10 min= 1640 psi, 15 min= 1630 psi, 30 min= 1520 psi.

5/22/96 3906'-3919' BJ Services: 8988 gal 2% KCL water w/ 25,200# 12/20 sand. ATP= 2000 psi, ATR= 31.2 bpm, ISIP= ?, 5 min= 4210 psi, 10 min= 3870 psi, 15 min= 3560 psi.

ACID JOB / BREAKDOWN JOB

5/16/96 5247'-5264' BJ Services: 3234 gal 2% KCL water w/ 150 ball sealers. Ball action but no ball off. ATP= 1800 psi, ATR= 4.0 bpm, ISIP= 1500 psi.

5/20/96 4857'-4872' BJ Services: 1764 gal 2% KCL water w/ 14 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 3.8 bpm, ISIP= 1350 psi.

5/20/96 4704'-4719' BJ Services: 1722 gal 2% KCL water w/ ? ball sealers. Ball action but no ball off. ATP= 1700 psi, ATR= 3.8 bpm, ISIP= 1400 psi.

5/22/96 3906'-3919' BJ Services: 2,436 gal 2% KCL water w/ 104 ball sealers. Balled Out. ATP= 2400 psi, ATR= 5.1 bpm, ISIP= 1500 psi.

10/16/06 5 Year MIT completed & submitted.

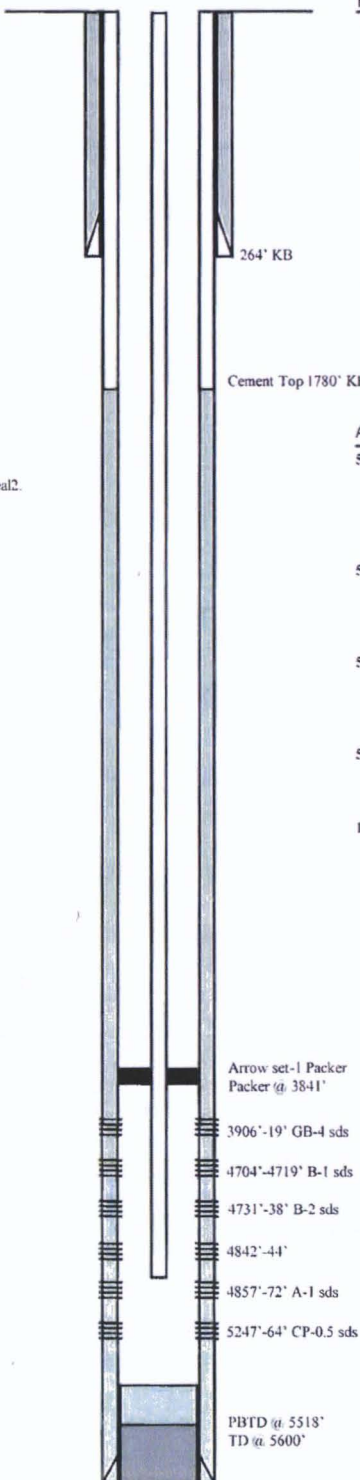
PERFORATION RECORD

5/15/96 Cutter 5247'-5264' 4 SPF

5/18/96 Cutter 4704'-4719' 7 Holes
4731'-4738' 3 Holes
4857'-4872' 7 Holes

5/21/96 Cutter 3906'-3919' 2 SPF

5/24/96 Cutter 4842'-4844' 2 holes




NEWFIELD

Monument Federal #33-17-9-17B
1926' FSL 2000' FEL

NW SE Section 17-T9S-R17E
Duchesne Co, Utah

API #43-013-31581; Lease #U-72106

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 33-17-9-17B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1926 FSL 2000 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 17 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2016	<input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: 5 YR MIT	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 08/30/2016 the casing was pressured up to 1062 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1384 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04316		
Approved by the September 06, 2016 Oil, Gas and Mining Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/1/2016	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8/26/2016
Test conducted by: EVERETT UNRUH
Others present: _____

Well Name: <u>Monument Fed. 33-17-9-17 B</u> Type: <u>ER SWD</u> Status: <u>AC TA UC</u>	
Field: <u>Monument Butte</u>	
Location: <u>NWSE</u> Sec: <u>17 T 9 N</u> <u>S</u> <u>R 17 E</u> W County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>NewField</u>	
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>11689</u> PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 / 1379 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure	<u>1385</u> psig	psig	psig	psig
End of test pressure	<u>1384</u> psig	psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes	<u>1064</u> psig	psig	psig	psig
5 minutes	<u>1064</u> psig	psig	psig	psig
10 minutes	<u>1064</u> psig	psig	psig	psig
15 minutes	<u>1063</u> psig	psig	psig	psig
20 minutes	<u>1062</u> psig	psig	psig	psig
25 minutes	<u>1062</u> psig	psig	psig	psig
30 minutes	<u>1062</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

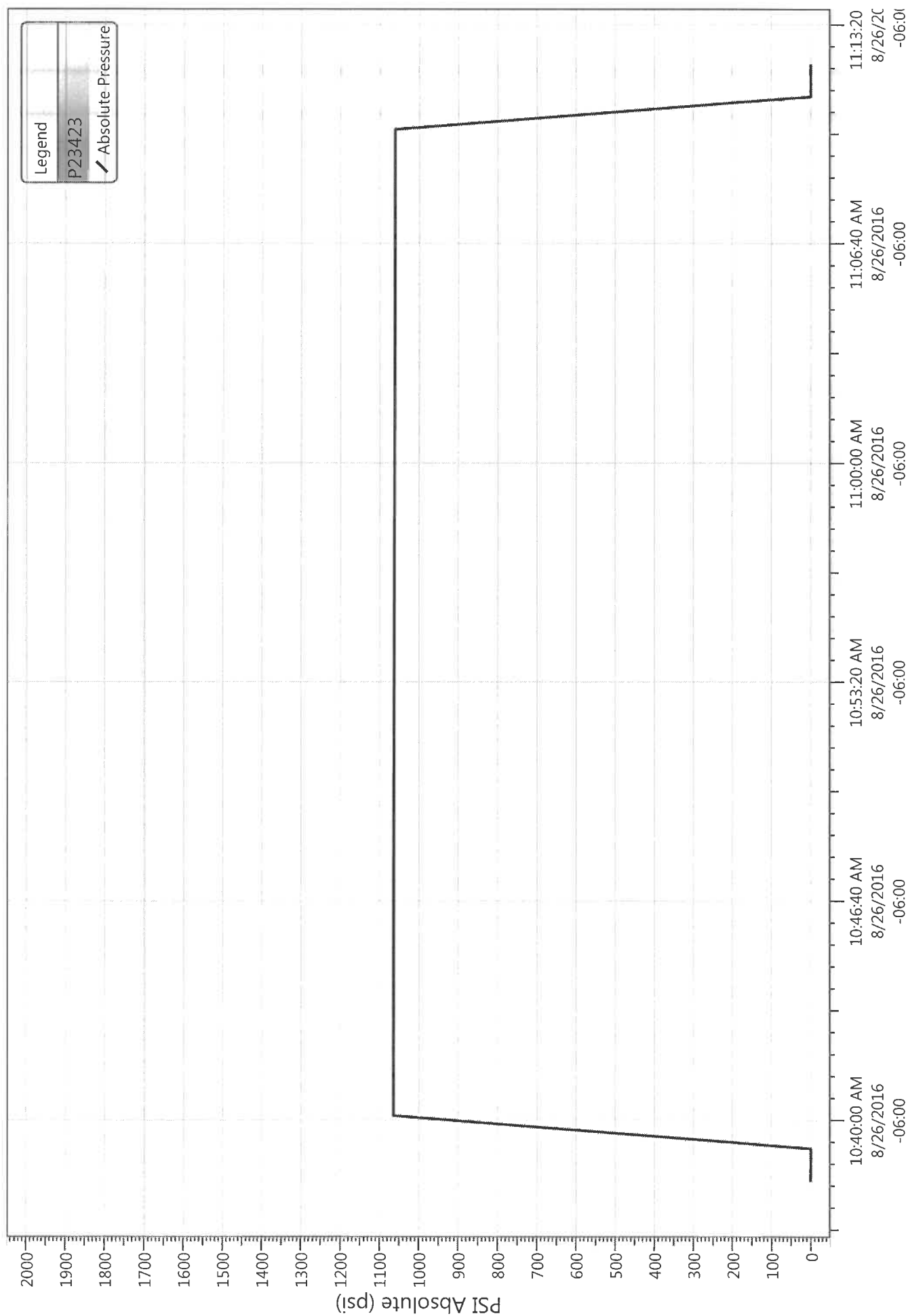
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Monument Federal 33-17-9-17B (8/26/2016, 5yr. MIT)

8/26/2016 10:37:12 AM





EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: **Monument Federal #33-17-9-17B**
FIELD: Monument Butte
FEDERAL LEASE NO.: U-72106
LOCATION: NW SE Sec. 17, T9S, R17E
FOOTAGE: 1926' FSL & 2000' FEL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: NA
INITIAL PRODUCTION: NA
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: Waiting on Completion
ELEVATIONS - GROUND: 5350' GL
TOTAL DEPTH: 5600' KB

DATE : 3/21/1996 lac

API NO.: 43-013-31581

NET REVENUE INTEREST: 0.80471769 Oil
0.7310824 Gas
SPUD DATE: 3/12/96
OIL GRAVITY:
BHT:

KB: 5360' KB (10' KB)
PLUG BACK TD: 5563.53' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl &
1/4#/sx cello flakes.

TUBING RECORD

SIZE/GRADE/WT.:
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER ROD RECORD

POLISHED ROD:
SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:

LOGS:

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
3#/sx poz + 34#/sx BA-91 + 3% salt +
2% gel + 2#/sx HiSeal2 + 1/4#/sx
cello seal. Tail - 445 sxs 50/50 poz +
2% gel + 1/4#/sx celloseal + 2#/sx HiSeal2.

CEMENT TOP AT:

PERFORATION RECORD

ACID JOB / BREAKDOWN JOB

FRAC JOB

Note: Well drilled, cased, & cemented, waiting on completion. Will select perforations when the Monument Federal # 23-17-9-17B is drilled.



Monument Federal #33-17-9-17B
NW SE Sec. 17, T9S, R17E

Lease No. U-72106
Monument Butte Field
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5360' KB (10' KB)

WELLBORE DIAGRAM

DATE : 3/21/1996 lac

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl &
1/4#/sx cello flakes.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
3#/sx poz + 34#/sx BA-91 + 3% salt +
2% gel + 2#/sx HiSeal2 + 1/4#/sx
cello seal. Tail - 445 sxs 50/50 poz +
2% gel + 1/4#/sx celloseal + 2#/sxs
HiSeal2.

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:
SUCKER RODS:

STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

ACID JOB /BREAKDOWN

FRAC JOB

Waiting on Completion

PERFORATION RECORD

Waiting on Completion

SN LANDED @ ' KB
EOT LANDED @ ' KB

PBTD @ 5,563.53 ' KB
TD @ 5,600' KB

LOGS:



Monument Federal #33-17-9-17B
NW SE Sec. 17, T9S, R17E
1926' FSL & 2000' FEL
Lease No. U-72106
Monument Butte Field (Beluga)
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5360' KB (10' KB)

Proposed Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

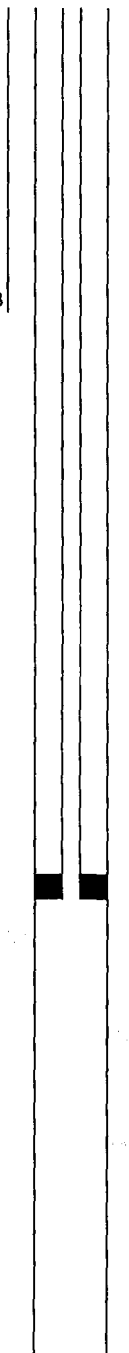
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl &
1/4#/sx cello flakes. 264' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
3#/sx poz + 34#/sx BA-91 + 3% salt +
2% gel + 2#/sx HiSeal2 + 1/4#/sx
cello seal. Tail - 445 sxs 50/50 poz +
2% gel + 1/4#/sx celloseal + 2#/sxs
HiSeal2.
CEMENT TOP AT:

TUBING

SIZE / GRADE / WT. : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS:
SEATING NIPPLE: 2-7/8" X 1.1'
RROW SET 1 PACKER: 5-1/2" X 4'
PACKER SET AT:



Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Waiting on Completion

Green River Formation 1450 to 5400 ft.

Arrow Set-1 Packer
Landed Approximately 60' Above Future Top Perforations

Finalized Injection diagram will be sent to the EPA as soon as
the well is completed and perforations added.

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5,564' KB
TD @ 5,600' KB

Wasatch Formation 5950 ft.



Monument Federal #33-17-9-17B
NW SE Sec. 17, T9S, R17E
1926' FSL & 2000' FEL
Lease No. U-72106
Monument Butte Field (Beluga)
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5360' KB (10' KB)

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 264' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs "G" w/2% CaCl &
1/4#/sx cello flakes.

264' KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 364 ft.
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5557.83'
DEPTH LANDED: 5567.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 170 sxs super "G", 47#/sx G +
3#/sx poz + 34#/sx BA-91 + 3% salt +
2% gel + 2#/sx HiSeal2 + 1/4#/sx
cello seal. Tail - 445 sxs 50/50 poz +
2% gel + 1/4#/sx celloseal + 2#/sxs
HiSeal2.
CEMENT TOP AT:

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Waiting on Completion

Green River Formation 1450 to 5400 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perms. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.

Finalized P&A diagram will be sent to the EPA as soon as the well is completed and perforations added.

Plug No.1 TD to 300' above top perforation
260 sx of Class-G Cement

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5,563.53' KB
TD @ 5,600' KB

Wasatch Formation 5950 ft.